Form 3160-3 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

5.	Lease Serial No.	
	UTU0337	

APPLICATION	<b>FOR PERMIT TO</b>	DRILL OR REENTER

APPLICATION FOR PERMIT	o. If Indian, Allouee of Tribe Name	,	
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name CHAPITA WELLS UNI	and No.
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth	ner Single Zone  Multiple Zone	Lease Name and Well No.     CHAPITA WELLS UNIT 1370	-30
	MARY A. MAESTAS aestas@eogresources.com	9. API Well No. 43-047-3	98 Sp
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES/MESA	VERDE
4. Location of Well (Report location clearly and in accorda	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. and Sur	vey or Area
At surface NWSE 1343FSL 2338FEL	40.00343 N Lat, 109.36849 W Lon	Sec 30 T9S R23E Mer SL	3
At proposed prod. zone NWSE 1343FSL 2338FEL	40.00343 N Lat, 109.36849 W Lon		
14. Distance in miles and direction from nearest town or post of 51.6 MILES SOUTH OF VERNAL, UTAH	ffice*	12. County or Parish UINTAH	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated to this v	vell
1028'	2344.00		
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file	
630'	9000 MD	NM2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5077 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS	

#### 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

(Elephophia Submission) Man 0	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 12/18/2007
Title REGULATORY ASSISTANT		
Approved by (Signature)	Name (Printed/Typed)	Date (-03-08
Title	Office BRADLEY G. HILL ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

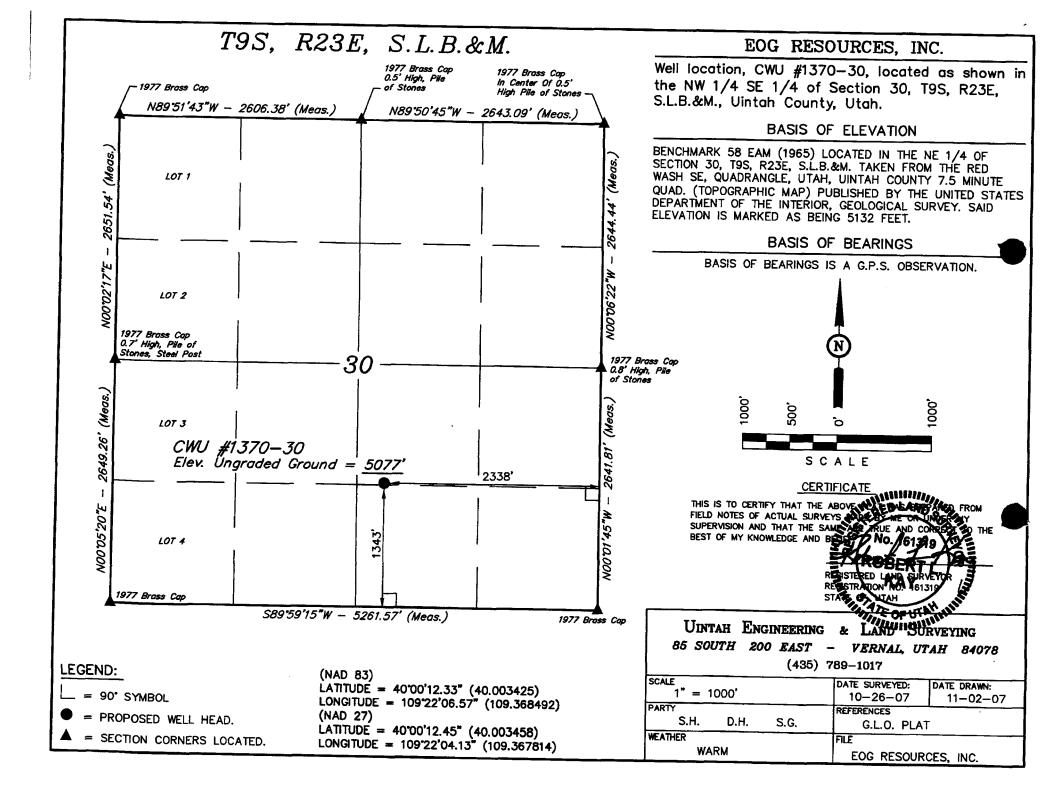
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #57638 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal

639320X 44292117

Federal Approval of this Action is Necessary

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* DEC 1 9 2007



# CHAPITA WELLS UNIT 1370-30 NW/SE, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

# 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,425		Shale	
Wasatch	4,445		Sandstone	
Chapita Wells	4,997		Sandstone	
Buck Canyon	5,688		Sandstone	
North Horn	6,353		Sandstone	
KMV Price River	6,324	Primary	Sandstone	Gas
KMV Price River Middle	7,498	Primary	Sandstone	Gas
KMV Price River Lower	8,313	Primary	Sandstone	Gas
Sego	8,799		Sandstone	
TD	9,000			

Estimated TD: 9,000' or 200'± below Sego top

Anticipated BHP: 4,915 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

# 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

# 4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 1/2"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0 - 2,300' KB±	9-5/8''	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200' $\pm$  below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

# All casing will be new or inspected.

# CHAPITA WELLS UNIT 1370-30 NW/SE, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 5. Float Equipment:

# Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

### Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

# 6. MUD PROGRAM

# Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

#### Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8 point plan-EOG 2 9/20/06

# CHAPITA WELLS UNIT 1370-30 NW/SE, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

# 8. EVALUATION PROGRAM:

**Logs:** Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

**Cement Bond / Casing Collar Locator and Pulsed Neutron** 

#### 9. CEMENT PROGRAM:

# Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3

<sup>1</sup>/<sub>4</sub> #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** 207 sks Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

**Note**: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

#### Production Hole Procedure (2300'± - TD)

**Lead:** 123 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 889 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note**: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

# CHAPITA WELLS UNIT 1370-30 NW/SE, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

### 10. ABNORMAL CONDITIONS:

# Surface Hole (Surface - 2300'±):

Lost circulation

# **Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

# 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

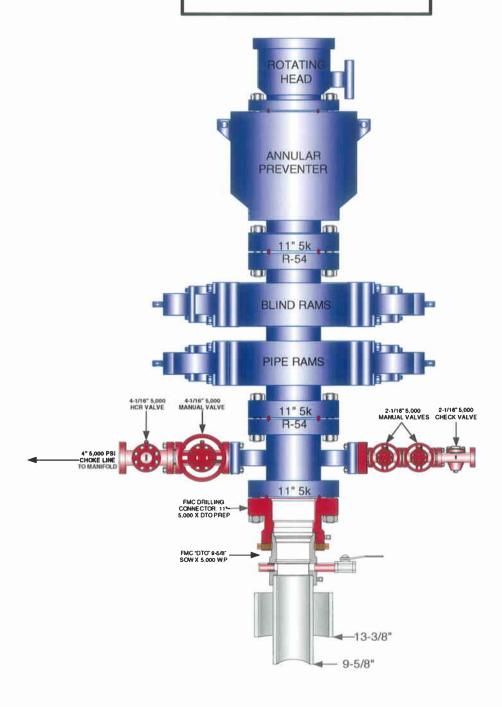
# 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

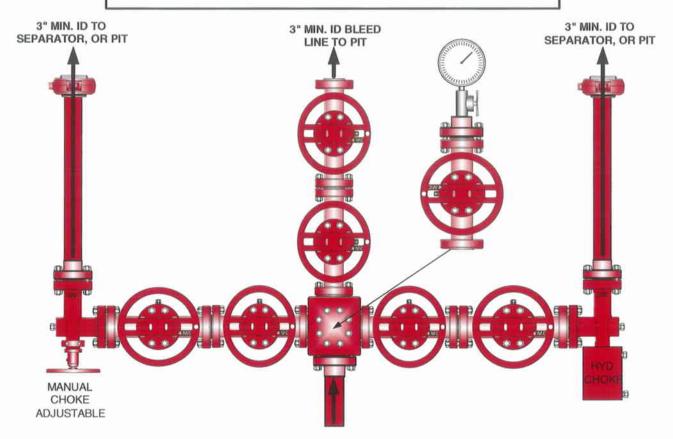
# EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

# PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

**PAGE 2 0F 2** 



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

#### **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



# Chapita Wells Unit 1370-30 NWSE, Section 30, T9S, R23E Uintah County, Utah

#### SURFACE USE PLAN

The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. The well access road is approximately 50 feet long with a 40-foot right-of-way, disturbing approximately .05 acre. New surface disturbance associated with the well pad and access road is estimated to be 2.30 acres. Two existing access roads will need to be re-routed around the proposed well pad. The road re-routes are 450 feet and 420 feet long, each with a 40-foot width. Additional surface disturbance of the road re-routes is approximately .80 acre (.41 and .39 acre, respectively). The pipeline is approximately .763 feet long with a 40-foot right-of-way disturbing approximately .70 acre.

#### 1. Existing Roads:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 51.6 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 50' in length. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

- I. A 40-foot permanent right-of-way is requested. No surfacing material will be used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

An off-lease right-of-way is not required. The entire length of the proposed access road is located within Federal Lease # U-0337.

### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 763' x 40'. The proposed pipeline leaves the northeastern edge of the well pad (Lease U-0337) proceeding in a southwesterly direction for an approximate distance of 763' tieing into an existing pipeline in the SWSE of Section 30, T9S, R23E (Lease U-0337). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. An off-lease right-of-way is not required. The entire length of the proposed pipeline is located within Federal Lease # U-0337.
- 7. The proposed pipeline route begins in the NWSE of Section 30, T9S, R23E, proceeding southeasterly for an approximate distance of 763' to the SWSE of Section 30, T9S, R23E.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon or Covert Green. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 or 4 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the east corner of the location. The flare pit will be located downwind of the prevailing wind direction on the southeast side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil south of pit corner B. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the southwest.

The corners of the well pad will be rounded off as needed to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. Plans for Reclamation of the Surface:

#### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours—see Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	9.0
Prostrate Kochia	3.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs/acre PLS*)
Wyoming Big Sage	3.0
Shadscale	3.0
Needle and Threadgrass	3.0
HyCrest Wheatgrass	1.0
Scarlet Globe Mallow	1.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

#### **Bureau of Land Management**

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontology survey was conducted and will be submitted by Intermountain Paleo.

# **Additional Surface Stipulations:**

None.

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

# **PERMITTING AGENT**

Mary A. Maestas EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

#### **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

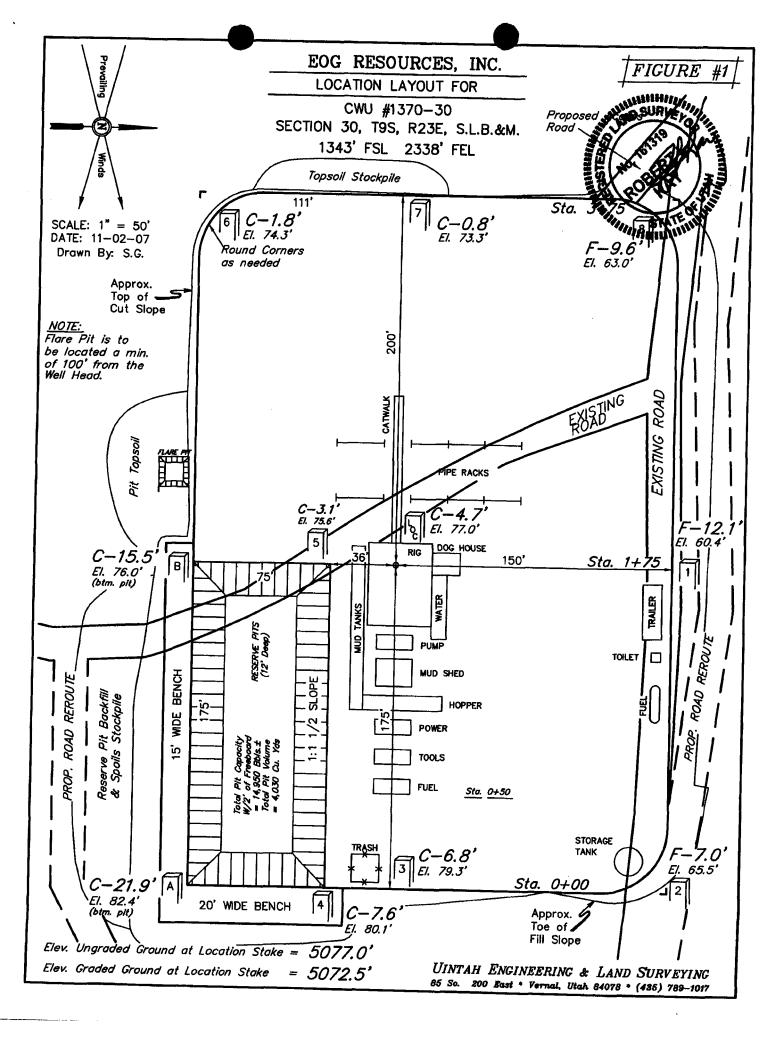
Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1370-30 Well, located in the NWSE, of Section 30, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

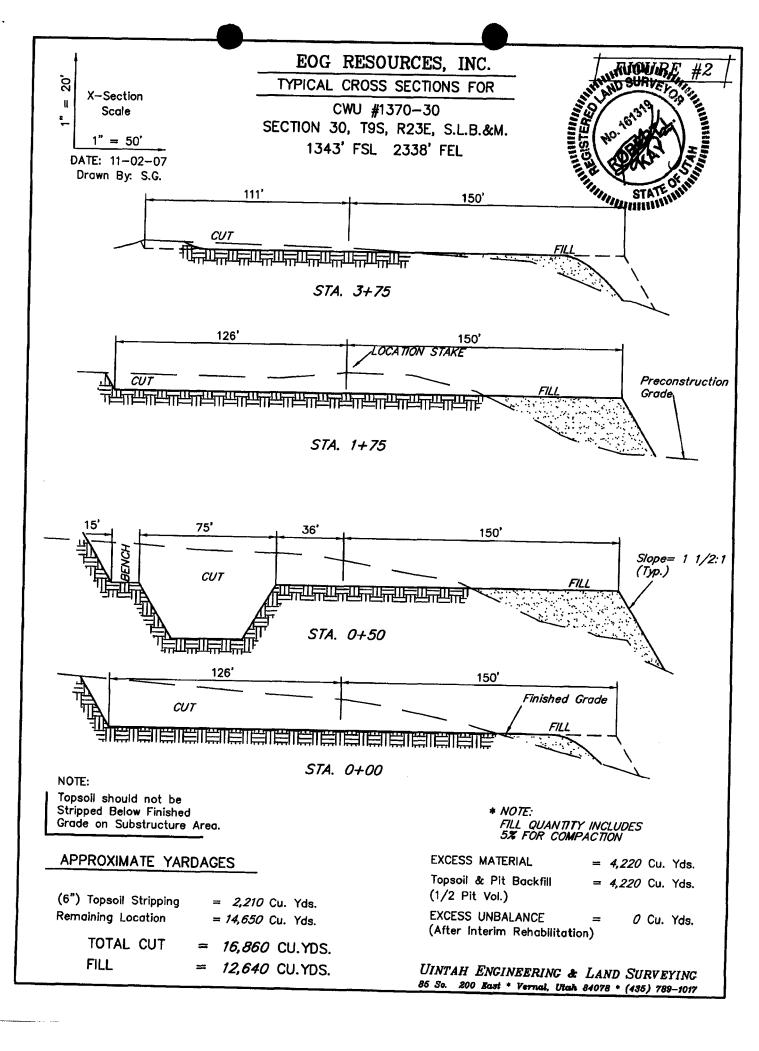
December 18, 2007

Date

Mary A. Maestas, Regulatory Assistant

Date of onsite: November 29, 2007





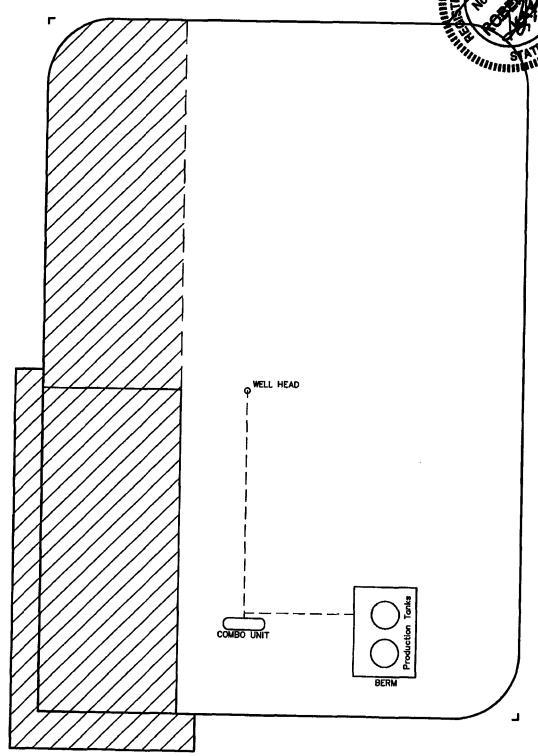
# EOG RESOURCES, INC.

# PRODUCTION FACILITY LAYOUT FOR

CWU #1370-30 SECTION 30, T9S, R23E, S.L.B.&M. 1343' FSL 2338' FEL FIGURE #3



SCALE: 1" = 50' DATE: 11-02-07 Drawn By: S.G.



# EOG RESOURCES, INC.

CWU #1370-30

LOCATED IN UINTAH COUNTY, UTAH SECTION 30, T9S, R23E, S.L.B.&M.

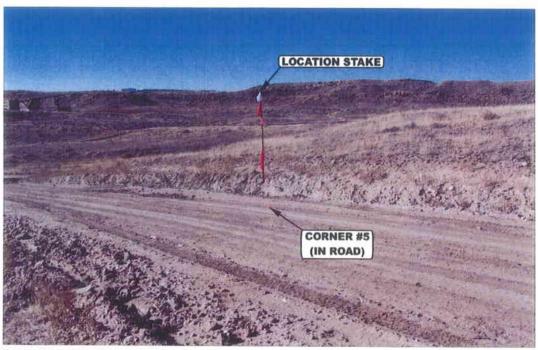


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

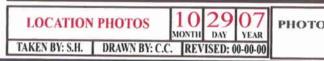
CAMERA ANGLE: NORTHWESTERLY

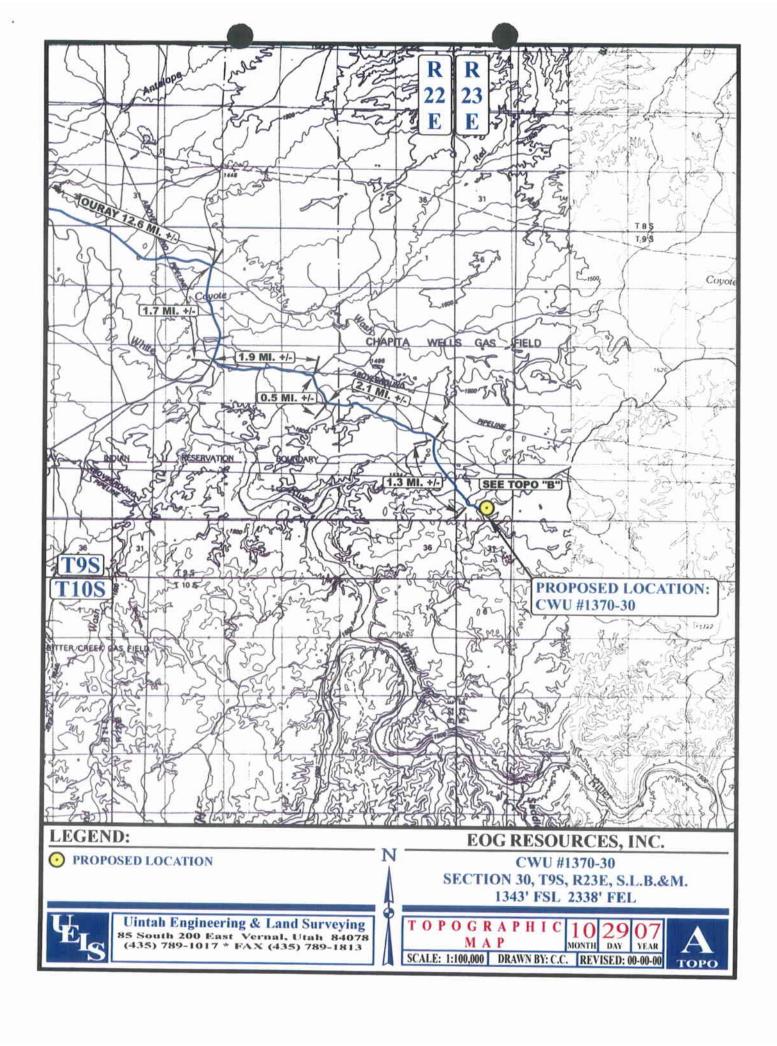


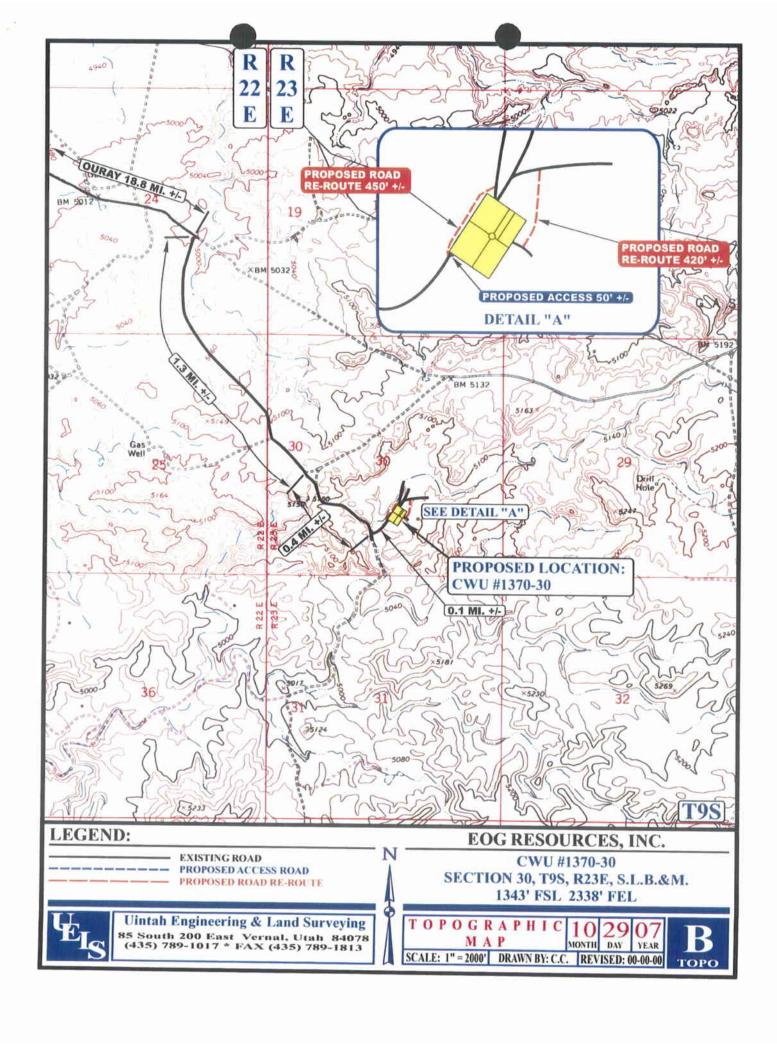
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

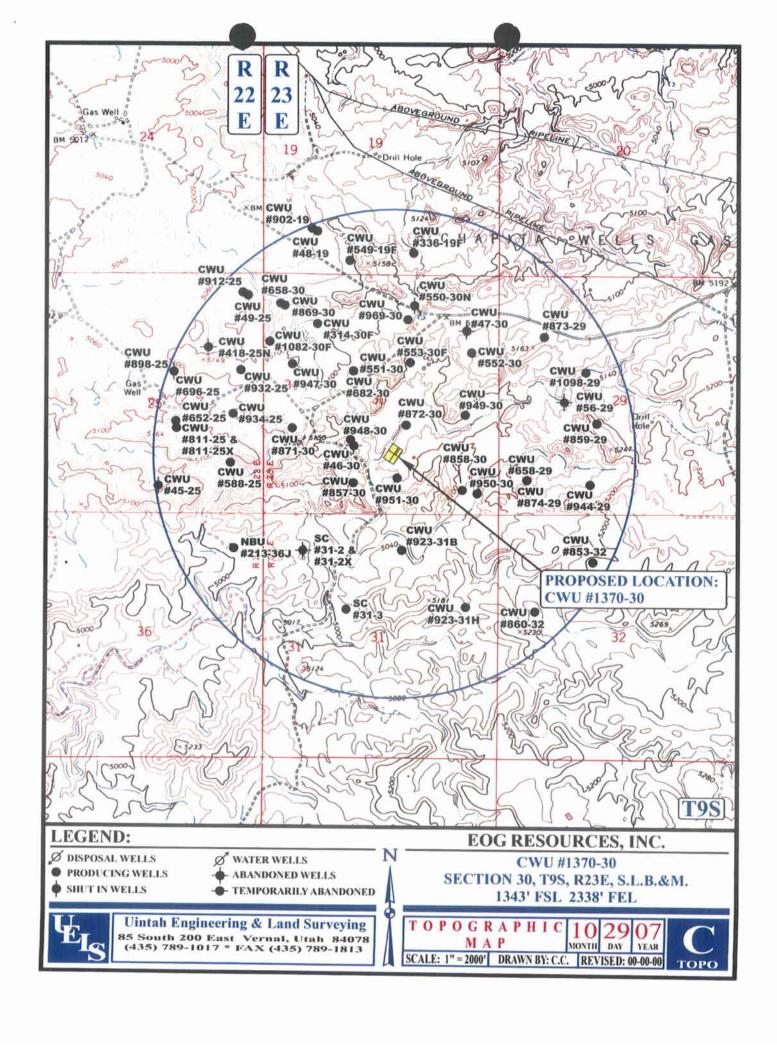
CAMERA ANGLE: NORTHEASTERLY

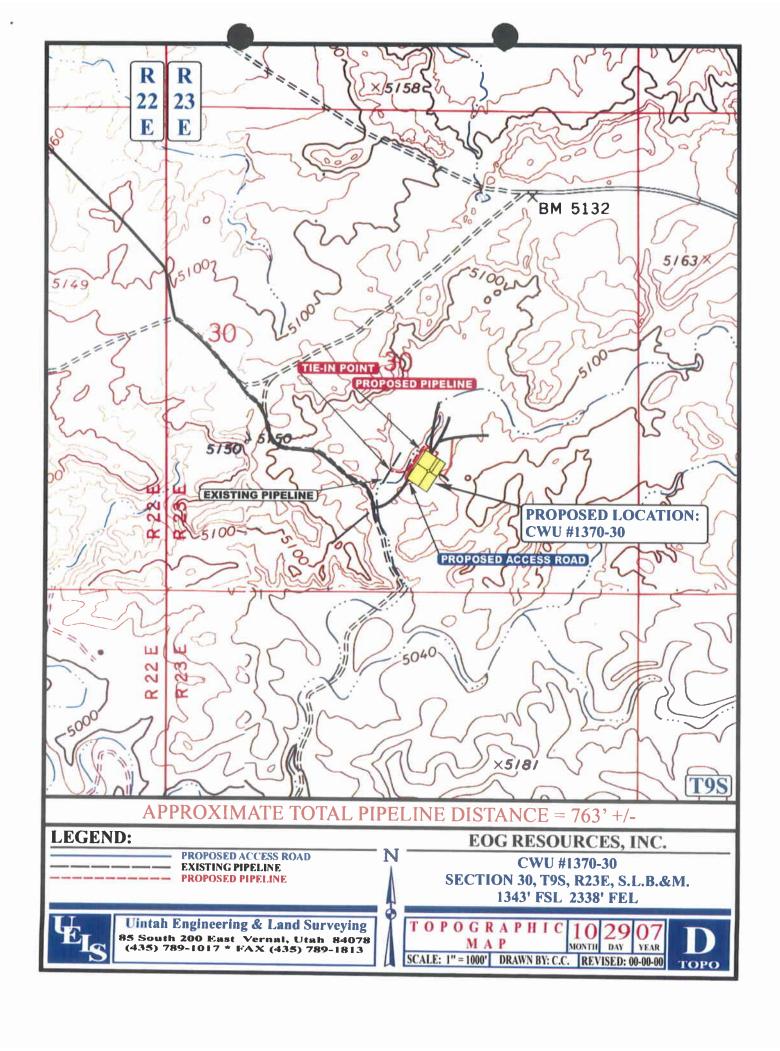




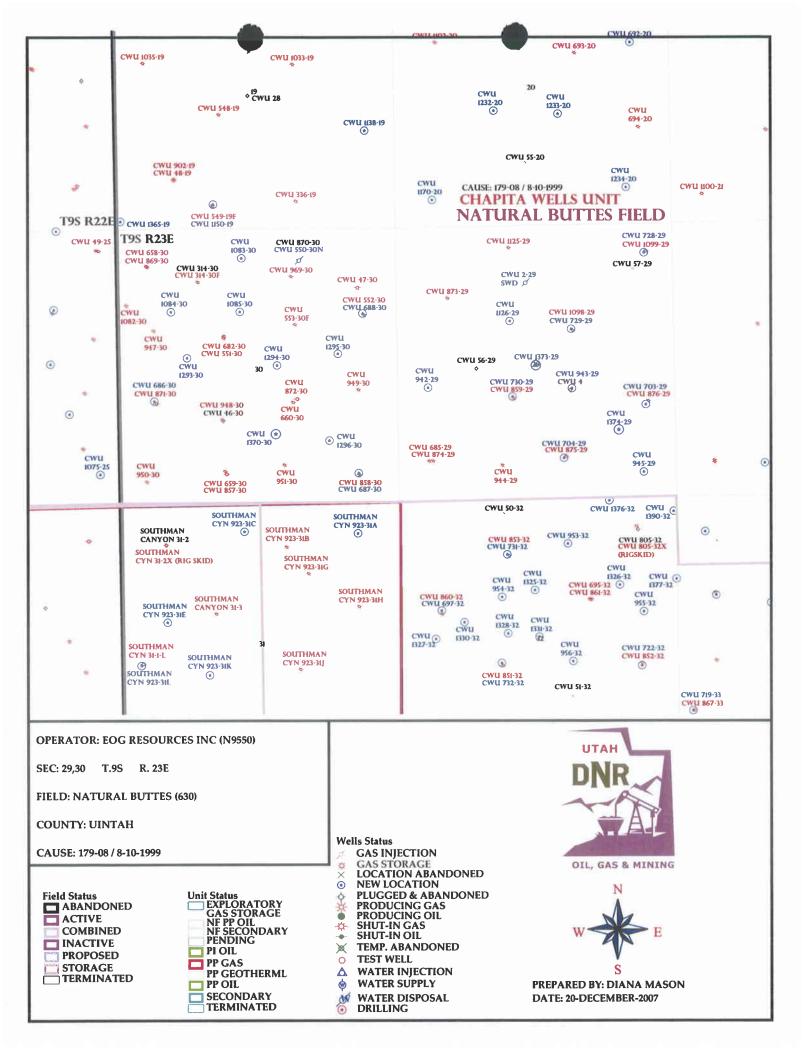








APD RECEIVED: 12/19/2007	API NO. ASSI	GNED: 43-047	-39886
WELL NAME: CWU 1370-30  OPERATOR: EOG RESOURCES, INC. ( N9550 )  CONTACT: MARY MAESTAS	PHONE NUMBER:	303-824-5526	5
PROPOSED LOCATION:	INSPECT LOCATI	N BY: /	/
NWSE 30 090S 230E	Tech Review	Initials	Date
SURFACE: 1343 FSL 2338 FEL BOTTOM: 1343 FSL 2338 FEL	Engineering		
COUNTY: UINTAH	Geology		
LATITUDE: 40.00350 LONGITUDE: -109.3679 UTM SURF EASTINGS: 639320 NORTHINGS: 44292	Surface		
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU0337  SURFACE OWNER: 1 - Federal  RECEIVED AND/OR REVIEWED:	PROPOSED FORMA COALBED METHAN LOCATION AND SITING:		)
✓ Plat         ✓ Bond: Fed[1] Ind[] Sta[] Fee[]         ✓ (No. NM2308 )         Potash (Y/N)         ✓ Oil Shale 190-5 (B) or 190-3 or 190-13         ✓ Water Permit (No. 49-225 )         ✓ RDCC Review (Y/N) (Date: )         ✓ Fee Surf Agreement (Y/N)         ✓ Intent to Commingle (Y/N)	R649-2-3.  Unit: CHAPITA WELLS  R649-3-2. Generating: 460 From Grade From Grade From Grade Form Grade From Grade Form Grade From Gr	ption	Siting
STIPULATIONS: 1- Leden Appr			



# **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

January 3, 2008

#### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

Proposed PZ MesaVerde)

43-047-39884 CWU 1374-29 Sec 29 T09S R23E 1305 FSL 1060 FEL 43-047-39885 CWU 1373-29 Sec 29 T09S R23E 2562 FSL 2630 FEL 43-047-39886 CWU 1370-30 Sec 30 T09S R23E 1343 FSL 2338 FEL 43-047-39883 CWU 1364-18 Sec 18 T09S R23E 1330 FSL 1310 FWL 43-047-39882 CWU 1362-25 Sec 25 T09S R22E 1367 FNL 1394 FWL 43-047-50020 CWU 1376-32 Sec 32 T09S R23E 0055 FNL 1273 FEL 43-047-50021 CWU 1377-32 Sec 32 T09S R23E 0280 FNL 0057 FEL 43-047-50022 CWU 1377-32 Sec 32 T09S R23E 1566 FNL 0025 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:1-3-08



Governor

GARY R. HERBERT Lieutenant Governor



MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

January 3, 2008

EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078

Re:

Chapita Well Unit 1370-30 Well, 1343' FSL, 2338' FEL, NW SE, Sec. 30, T. 9 South,

R. 23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39886.

Sincerely,

KipKh

Gil Hunt

Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc.			
Well Name & Number	Chapita Well Unit	1370-30		
API Number:	43-047-39886 UTU0337			
Location: NW SE	Sec. 30	T. 9 South	R. 23 East	

# **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# 2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

# **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

# RECEIVE

FORM APPROVED OMB No. 1004-0136

DEC 1 8 2007

Expires July 31, 2010

5. Lease Serial No. UTU0337

APPLICATION FOR PERMIT	TO DRILL OR REENTEBLM	6. If Indian, Allottee or Tribe Name
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No. UTU63013Al
lb. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Ot	her Single Zone Multiple Zone	8. Lease Name and Well No. CWU 1370-30
	MARY A. MAESTAS naestas@eogresources.com	9. API Well No. 43 047 39886
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Report location clearly and in accorded	I ance with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area
At surface NWSE 1343FSL 2338FEL At proposed prod. zone NWSE 1343FSL 2338FEL	. 40.00343 N Lat, 109.36849 W Lon . 40.00343 N Lat, 109.36849 W Lon	Sec 30 T9S R23E Mer SLB SME: BLM
14. Distance in miles and direction from nearest town or post of 51.6 MILES SOUTH OF VERNAL, UTAH	fice*	12. County or Parish 13. State UINTAH UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1028'</li> </ol>	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file
completed, applied for, on this lease, ft. 630'	9000 MD	NM2308
21. Elevations (Show whether DF, KB, RT, GL, etc. 5077 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS
	24. Attachments	
The following, completed in accordance with the requirements of	Onshore Oil and Gas Order No. 1, shall be attached to this	form:
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office</li> </ol>	Item 20 above). 5. Operator certification	ormation and/or plans as may be required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-552	Date 12/18/2007
Title REGULATORY ASSISTANT		
Approved by (Signature)	Name (Printed/Typed)  Flavy Kw ells	AUG 18 2008
Assistant Field Manager Lands & Mineral Resources	VERNAL FIELD OFFICE	
Application approval does not warrant or certify the applicant hole operations thereon.  Conditions of approval, if any, are attached.	ds legal or equitable title to those rights in the subject lease	which would entitle the applicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, n		nake to any department or agency of the United

Electronic Submission #57638 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 12/18/2007 (08GXJ1172AE)



CONDITIONS OF APPROVAL ATT

NOTICE OF APPROVAL

\*\* BLM REVISED \*\* BLM

084X50047AE

NOS: 11/24/07



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

EOG Resources, Inc.

Location:

NWSE, Sec. 30, T9S, R23E

Well No:

CWU 1370-30

Lease No:

UTU-0337 Chapita Wells Unit

API No:

43-047-39886

Agreement:

Title	Name	<b>Office Phone Number</b>	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	, ,
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	•
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

# NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion		Prior to moving on the drilling rig.
(Notify Environmental Scientist)		
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

COAs: Page 2 of 9 Well: CWU 1370-30

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

#### **SITE SPECIFIC COAs:**

This well is located within the Resource Development Group (RDG) EIS project boundary, any additional mitigation or COA's approved in the Final RDG EIS Record of Decision are also applicable to approval of this proposed action.

# **Conditions Of Approval:**

- If Uinta Basin hookless cactus, or other special status plants are found, construction shall cease and the AO shall be notified to determine the appropriate mitigation.
- The operator shall control noxious weeds along access road use authorizations, pipeline route authorizations, rights-of-way, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM weeds specialist or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal (PUP) be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when
  the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment
  creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support
  construction equipment.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy
  conditions to minimize watershed damage. This limitation does not apply to operation and maintenance
  of producing wells.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. shall be needed to control the erosion. Low-water crossings shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines shall be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.

COAs: Page 3 of 9 Well: CWU 1370-30

- The reserve pit shall be lined with 16 ml or greater liner to prevent pit leakage and at least single felt liner to prevent pit leakage prior to spudding.
- All open pits shall be properly fenced and maintained during operations and until the pits are backfilled. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- The reserve pit shall be free of oil and other liquids and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to backfilling. The reserve pit must not be "squeezed", (filled with soil while still containing fluids) or cut (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- All permanent facilities, not regulated by OSHA, shall be painted the same color, **Carlsbad Canyon or Covert green**; within six months of installation.
- During construction the topsoil from the location shall be stripped and windrowed separately from the other excess material. The topsoil windrows shall be re-seeded using the interim seed mix and track walked or drag chained at the time the location is constructed. The topsoil removed from the pit area shall be stored separately and will not be re-seeded until the pit is reclaimed. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded using the interim seed mix listed below.
- Upon well completion, the well pad location up to the deadmen, shall be recontoured to the approximate natural contours and the stockpiled topsoil shall be spread evenly over the reclaimed area and then reseded using the interim seed mix.

#### Reclamation:

Interim seed mix:

Hy-crest Crested Wheatgrass	9 lbs/acre
Kochia	3 lbs/acre

#### Final reclamation seed mix:

Hy-crest Crested Wheatgrass	1 lbs/acre
Scarlet globemallow	1 lbs/acre
Needle and threadgrass	3 lbs/acre
Wyoming big sagebrush	3 lbs/acre
Shadscale saltbush	3 lbs/acre

- All pounds are in pure live seed.
- Seeding will take place from August 15 until the ground freezes in the fall or early winter.
- All seed and mulch shall be certified weed free.
- Drill seeding is the required method unless topography will not allow.
- Rates are set for drill seeding; double the rate if broadcasting.
- If broadcasting seed: The seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain.
- Reseeding shall be required if initial seeding is not successful.

COAs: Page 4 of 9 Well: CWU 1370-30

Once the location is plugged and abandoned, the well location and access road shall be recontoured to the natural topography, topsoil shall be respread, and the entire location and access road shall be seeded with the final reclamation seed mix. Seed application shall follow all guidelines in the final reclamation seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum shall be walked into the soil with a dozer, immediately after the seeding is completed, or covered by soil using a drag chain.

• Corners of the well pad will be rounded to minimize excavation.

COAs: Page 5 of 9 Well: CWU 1370-30

## DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
   OA specification is consistent with operators performance standard stated in APD.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.

  Il requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
   A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

COAs: Page 6 of 9 Well: CWU 1370-30

• Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from

KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 7 of 9 Well: CWU 1370-30

### **OPERATING REQUIREMENT REMINDERS:**

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

COAs: Page 8 of 9 Well: CWU 1370-30

• Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of
  a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval
  may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 9 of 9 Well: CWU 1370-30

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Cor	npany:	EOG RE	<u>SOURCE</u>	S INC			
Well Name		CWU 13	70-30				
Api No <u>:</u>	43-047-398	386	I	ease Typ	e: <u>FE</u>	DERAL	
Section 30	Township_	09S Range	23E	County_	UINT	AH	
Drilling Con	tractorCI	RAIG'S ROUST	ABOUT S	ERV	RIG#_	RATHOL	E
SPUDDE	D:						
	Date	11/06/08	â				
	Time	3:00 PM	_				
•	How	DRY	_				
Drilling wi	ll Commen	ce:			<u></u>		· · · · · ·
Reported by		JERRY E	BARNES				
Telephone #		(435) 828	-1720				· · · · · · · · · · · · · · · · · · ·
Date	11/06/08	Signed	CHD				

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## **ENTITY ACTION FORM**

Operator:

**EOG RESOURCES** 

Operator Account Number: N 9550

Address:

1060 East Highway 40

city VERNAL

state UT zip 84078 Phone Number: <u>(435)</u> 781-9145

#### Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-39471	CHAPITA WELLS U	CHAPITA WELLS UNIT 1290-25		NWNE 25 9S		22E UINTAH	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
#B	99999	13650	1	1/4/200	8	11.7	10/08
Comments: MES	AVERDE						

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-39512	CHAPITA WELLS U	CHAPITA WELLS UNIT 1335-15		NWNE 15		22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
KB	99999	13650	1	1/6/200	8	11/	10 108
Comments: MES	AVERDE					/	
PRP.V=	AVERDE						

#### Well 3

	*****	Well Name		Sec	Twp	Rng	County
43-047-39886	CHAPITA WELLS UNIT 1370-30		NWSE 30		98	23E UINTAH  Entity Assignment Effective Date	
Action Code	Current Entity Number	New Entity Number	Spud Date				
4B	99999	13650	1	1/6/200	8	11	10/08

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Mickenzie Thacker

Name (Please Print)

Signature

Title

Operations Clerk

11/7/2008

Date

(5/2000)

RECEIVED NOV 1 0 2008

Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROV	ED
OMB NO. 1004-0	113:
Expires: July 31, 2	201

SUNDRY Do not use thi abandoned we	UTU0337  6. If Indian, Allo	UTU0337  6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRI		7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS			
Type of Well     Oil Well	8. Well Name and CHAPITA WI	d No. ELLS UNIT 1370-30			
2. Name of Operator EOG RESOURCES, INC.	Contact: MICH	KENZIE THACKER ACKER@EOGRESOURCE	9. API Well No. 43-047-398	<del></del>	
3a. Address 1060 E. HWY 40 VERNAL, UT 84078		Phone No. (include area code) 435-781-9145	10. Field and Poo NATURAL	ol, or Exploratory BUTTES	
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County or Pa	rish, and State	
Sec 30 T9S R23E NWSE 134 40.00343 N Lat, 109.36849 W			UINTAH CO	DUNTY, UT	
12. CHECK APPE	ROPRIATE BOX(ES) TO INI	DICATE NATURE OF 1	NOTICE, REPORT, OR OT	HER DATA	
TYPE OF SUBMISSION		TYPE OI	FACTION		
☐ Notice of Intent	☐ Acidize	□ Deepen	☐ Production (Start/Resume	e)	
Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	■ Well Integrity	
, <u>, , , , , , , , , , , , , , , , , , </u>	☐ Casing Repair	☐ New Construction	Recomplete	<b>⊠</b> Other Well Spud	
☐ Final Abandonment Notice	☐ Change Plans ☐ Convert to Injection	☐ Plug and Abandon☐ Plug Back	☐ Temporarily Abandon ☐ Water Disposal	· · · · · · · · · · · · · · · · · · ·	
testing has been completed. Final Abdetermined that the site is ready for fi	inal inspection.)	•		•	
14. I hereby certify that the foregoing is	Electronic Submission #6455 For EOG RESO	URCES, INC., sent to the	Vernal		
Name (Printed/Typed) MICKENZ	IE THACKER	Title OPERA	TIONS CLERK		
Signature \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ENDMARCH (01 )	Date 11/07/2	008	=	
	THIS SPACE FOR F	EDERAL OR STATE	OFFICE USE		
Approved By		Title		Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equ which would entitle the applicant to condu	uitable title to those rights in the subje				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent			willfully to make to any department	ent or agency of the United	

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

Form 3160-5 (August 2007)

(Instructions on page 2)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

FORM APPROVED
OMB No. 1004-0137
C L. 21 2014

Expfres: July 31, 2010 5. Lease Serial No.

16	If Indi	on A	Dattaa	or Tril	e Name
IV.	u nuu	an. /a	понсс	01 (11	BE INDIFFE

Multiple (See Attached)

abandoned well.	Use Form 3160-3 (A	PD) for such prop	osals.		
SUBMIT	7. If Unit of CA/Agreement, Name and/or No.  — Chapita Wells Unit				
Oil Well Gas W	ell Other		. •	8. Well Name and No Multiple (See Attac	hed) LWU 1370-30
2. Name of Operator EOG Resources, Inc				9. API Well No. Multiple (See Attac	
3a. Address 1060 EAST HIGHWAY 40, VERNAL, UT 84078		3b. Phone No. (include of 435-781-9145	rea code)	10. Field and Pool or Natural Buttes	Exploratory Area
4. Location of Well (Footage, Sec., T., I Multiple (See Attached)	R.,M., or Survey Description	~~ ~	30	11. Country or Parish Uintah, Utah	State
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE N.	ATURE OF NOTIC	E, REPORT OR OTI-	ER DATA
TYPE OF SUBMISSION	`		TYPE OF ACTI	ON	
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Recla	nction (Start/Resume) mation mplete	Water Shut-Off  Well Integrity  ✓ Other Air Drilling Variance
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aband Plug Back	· .	orarily Abandon Disposal	Request
Attach the Bond under which the w following completion of the involve testing has been completed. Final A determined that the site is ready for EOG Resources, Inc. respectfully ready.	ed operations. If the operation bandonment Notices must final inspection.)	on results in a multiple cor be filed only after all requi	npletion or recompl rements, including i	etion in a new interva	, a Form 3160-4 must be filed once
					COPY SENT TO OPERATOR
					Date: 12 · 4 · 2008 Initials: KS
14. I hereby certify that the foregoing is tre Name (Printed/Typed) Mickenzie Thacker	de and correct.	Title Op	perations Clerk		
Signature William	Madler)	Date 11	/12/2008	· · · · · · · · · · · · · · · · · · ·	
	THIS SPACE	FOR FEDERAL OI	R STATE OFF	ICE USE	
Approved by  Conditions of approval, if any, are attached that the applicant holds legal or equitable tientitle the applicant to conduct operations to	le to those rights in the subjec		$\sim$		Date 11 26 08  Ideral Approval Of This  Action Is Necessary
Title 18 U.S.C. Section 1001 and Title 43 t fictitious or fraudulent statements or repres			ingly and willfully to	make to any department	t an ency of the United States any false,

API#	Lease #	Well Name	Footages	1/4-1/4
	,			Legal Description
43-047-39585	UTU-0281	CWU 977-11	345' FSL 772' FEL	SESE
				Sec. 11 T9S R22E
43-047-39452	UTU-0284-A	CWU 1276-22	992' FSL 1883' FWL	SESW
				Sec. 22 T9S R22E
43-047-40266	UTU-0285-A	CWU 1281-27	1321' FNL 2070' FWL	SENW
				Sec. 27 T9S R22E
43-047-39607	UTU-0285-A	CWU 1282-27	1845' FNL 2453' FWL	SENW
				Sec. 27 T9S R22E
43-047-39453	UTU-0285-A	CWU 1288-26	1555' FSL 2209' FEL	NWSE
				Sec. 26 T9S R22E
43-047-39608	UTU-0337	CWU 1295-30	2434' FNL 1121' FEL	SENE
				Sec. 30 T9S R23E
43-047-39615	UTU-0283-A	CWU 1341-15	2' FSL 769' FEL	SESE
				Sec. T9S R22E
43-047-39624	UTU-0284-A	CWU 1343-22	1203' FNL 1502' FEL	NWNE
				Sec. 22 T9S R22E
43-047-39621	UTU-0285-A	CWU 1347-27	25' FNL 500' FWL	NWNW
				Sec. 27 T9S R22E
43-047-39900	UTU-0282	CWU 1357-24	2556' FNL 1406' FWL	SENW
				Sec. 24 T9S R22E
43-047-39882	UTU-0285-A	CWU 1362-25	1367' FNL 1394' FWL	SENW
				Sec. 25 T9S R22E
43-047-39886	UTU-0337	CWU 1370-30	1343' FSL 2338' FEL	NWSE
				Sec. 30 T9S R23E
43-047-39914	UTU-0337	CWU 1375-29	154' FSL 2579' FEL	SWSE
				Sec. 29 T9S R23E

#### **Air Drilling Operations:**

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

#### **VARIANCE REQUESTS:**

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- 1. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- 2. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- 3. EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- 4. EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- 5. EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-013
Expires: July 31, 201

Do not use this form for proposals to drill or to re-enter an					0100337			
Do not use thi abandoned wei	6. If Indian, Allottee or Tribe Name							
SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS							
1. Type of Well  Oil Well  Gas Well  Oth	8. Well Name and No. CHAPITA WELLS	UNIT 1370-30						
Name of Operator     EOG RESOURCES, INC.		MARY A. MA tas@eogreso			9. API Well No. 43-047-39886			
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No Ph: 303-82	. (include area code 4-5526	<del>)</del>	10. Field and Pool, or I NATURAL BUTT			
4. Location of Woll (Footage, Sec., T	., R., M., or Survey Description)				11. County or Parish, a	nd State		
Sec 30 T9S R23E NWSE 134 40.00343 N Lat, 109.36849 W					UINTAH COUNT	ry, ut		
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHER	DATA		
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION				
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	■ Water Shut-Off		
_	☐ Alter Casing	☐ Frac	ture Treat	☐ Reclam	ation	■ Well Integrity		
■ Subsequent Report	Casing Repair	□ New	Construction	☐ Recomp	plete	Other  Production Start-up		
☐ Final Abandonment Notice	□ Change Plans		and Abandon	☐ Tempor	arily Abandon	r roduction start-up		
13. Describe Proposed or Completed Op-	☐ Convert to Injection	Plug		☐ Water I	r Disposal			
following completion of the involved testing has been completed. Final At determined that the site is ready for f.  The referenced well was turne report for drilling and completi	pandonment Notices shall be file inal inspection.) ad to sales on 1/21/2009. F on operations performed o	d only after all : Please see th	requirements, inclu ne attached ope	ding reclamatio	n, have been completed, a	nd the operator has		
14. I hereby certify that the foregoing is	Electronic Submission #	66615 verifie ESOURCES,	l by the BLM We INC., sent to the	ii Information Vernal	System			
Name (Printed/Typed) MARY A.	MAESTAS		Title REGU	LATORY AS	SISTANT			
Signature (FDect) pylic S	Submyssion)	لم	Date 01/26/2	2009				
J	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE			
AID-			Tist-			Date		
Approved By	d Approval of this potice does		Title			Date		
Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to condu	aitable title to those rights in the		Office		,			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent					ake to any department or a	agency of the United		

## WELL CHRONOLOGY **REPORT**

Report Generated On: 01-26-2009

Well Name	CWU 1370-30	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-39886	Well Class	COMP
County, State	UINTAH, UT	Spud Date	12-09-2008	Class Date	
Tax Credit	N	TVD / MD	9,000/ 9,000	Property #	062318
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
KB / GL Elev	5,086/ 5,073				
Location	Section 30, T9S, R23E, NWS	SE, 1343 FSL & 2338 I	FEL		

Event No	1.0	ı		Description	DR	ILL & COMPLE	TE				
Operator	EO	G RESOURO	ES, INC	WI %	55.0	686		NRI %		47.671	
AFE No		304988		AFE Total		1,810,400		DHC/0	ewc	880,7	700/ 929,700
Rig Contr	ELE	ENBURG	Rig Nam	ie ELENB	URG #29	Start Date	02-	-12-2008	Release	Date	12-19-2008
02-12-2008	R	cported By	C	YNTHIA HANS	ELMAN						
DailyCosts: D	rilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Com	pletion	\$0		Well	Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR D	<b>epth</b> : 0.0	0

Activity at Report Time: LOCATION DATA

Start End **Activity Description** 06:00 06:00 24.0 LOCATION DATA

1343' FSL & 2338' FEL (NW/SE)

SECTION 30, T9S, R23E UINTAH COUNTY, UTAH

LAT 40.003425, LONG 109.368492 (NAD 83)

LAT 40.003458, LONG 109.367814 (NAD 27)

ELENBURG #29

OBJECTIVE: 9000' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU 0337

ELEVATION: 5077.0' NAT GL, 5072.5' PREP GL (DUE TO ROUNDING PREP GL WILL BE 5073') 5086' KB (13')

EOG WI 55.6856%, NRI 47.67131%

10-24-2008

Reported By

TERRY CSERE

DailyCosts: Drilling	\$75,00			apletion	\$0			y Total	\$75,000	
Cum Costs: Drilling	\$75,00	0	Con	apletion	\$0		Well	Total	\$75,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : (			Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LO	OCATION	Ī							
Start End		vity Des	-							
06:00 06:00	24.0 LOC	'ATION S'	TARTED.							
10-27-2008 Re	ported By	Т	ERRY CSERE							
DailyCosts: Drilling	\$0		Con	npletion	\$0		Dail	y Total	\$0	
Cum Costs: Drilling	\$75,00	0	Con	apletion	\$0		Well	Total	\$75,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD :	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LO	OCATION	Ī							
Start End	Hrs Act	vity Des	cription							
06:00 06:00	24.0 LOC	ATION 20	0% COMPLETE	•						
10282008 Re	ported By	Т	ERRY CSERE							
DailyCosts: Drilling	\$0		Соп	npletion	\$0		Dail	y Total	\$0	
Cum Costs: Drilling	\$75,00	0	Con	npletion	\$0		Well	Total	\$75,000	
								0.0	¥77	0.0
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
·· <del></del>		0 <b>PBTD :</b> (	<del>-</del>	0	Days Perf :	0	MW	PKR De		0.0
MD		PBTD :	0.0	0	•	0	MW			0.0
Formation : Activity at Report Ti	me: BUILD LO	PBTD :	0.0	0	•	0	MW			0.0
Formation : Activity at Report Ti	me: BUILD Lo Hrs Acti	PBTD : 0 DCATION Ivity Desc	0.0		•	0	MW			0.0
Formation : Activity at Report Tit Start End 06:00 06:00	me: BUILD Lo Hrs Acti	PBTD: 0 DCATION Ivity Description 30	o.o cription		•	0	MW			
Formation : Activity at Report Til Start End 06:00 06:00 10-29-2008 Re	me: BUILD LO Hrs Acti 24.0 LOC	PBTD: 0 DCATION Ivity Description 30	0.0 cription 0% COMPLETE ERRY CSERE		•	0				
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling	me: BUILD LO Hrs Acti 24.0 LOC eported By	PBTD : 0 DCATION  IVITY Description 30 T	0.0 cription 0% COMPLETE ERRY CSERE Con		Perf:	0	Dail	PKR De	pth: 0.0	
Formation : Activity at Report Tit Start End 06:00 06:00	me: BUILD LO Hrs Acti 24.0 LOC eported By \$0	PBTD : 0 DCATION  IVITY Description 30 T	0.0 cription 0% COMPLETE ERRY CSERE Con	npletion	Perf:	0	Dail	PKR De	<b>pth</b> : 0.0	0.0
Formation: Activity at Report Tis Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LO Hrs Acti 24.0 LOC  ported By \$0 \$75,00	PBTD : 0 COCATION SIVITY DESCRIPTION 30 T	o.o cription o% COMPLETE CERRY CSERE Con Con Progress	npletion npletion	Perf: \$0 \$0		<b>Dail</b> Well	PKR De	\$0 \$75,000 <b>Visc</b>	
Formation: Activity at Report Tile Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation:	me: BUILD LO Hrs Acti 24.0 LOC ported By \$0 \$75,00	PBTD: 0 CATION 30 EATION 30 T 0 0 PBTD: 0	cription 0% COMPLETE ERRY CSERE Con Con Progress	npletion npletion	\$0 \$0 <b>Days</b>		<b>Dail</b> Well	PKR De y Total Total 0.0	\$0 \$75,000 <b>Visc</b>	
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LO Hrs Acti 24.0 LOC  ported By \$0 \$75,00  TVD	PBTD: 0 CATION 30 EATION 30 T 0 0 PBTD: 0	cription 0% COMPLETE COR Cor Progress	npletion npletion	\$0 \$0 <b>Days</b>		<b>Dail</b> Well	PKR De y Total Total 0.0	\$0 \$75,000 <b>Visc</b>	
Formation: Activity at Report Tis Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tis	me: BUILD LO Hrs Acti 24.0 LOC  ported By \$0 \$75,00  TVD	PBTD: 0 DCATION 30 EATION 30 T 0 0 PBTD: 0 DCATION	cription 0% COMPLETE	npletion npletion	\$0 \$0 <b>Days</b>		<b>Dail</b> Well	PKR De y Total Total 0.0	\$0 \$75,000 <b>Visc</b>	
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tit Start End 06:00 06:00	me: BUILD LO Hrs Acti 24.0 LOC ported By \$0 \$75,00 TVD  me: BUILD LOC Hrs Acti	PBTD: 0 CATION 30 T 0 PBTD: 0 CCATION (vity Description)	cription 0% COMPLETE	npletion npletion	\$0 \$0 <b>Days</b>		<b>Dail</b> Well	PKR De y Total Total 0.0	\$0 \$75,000 <b>Visc</b>	
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tit Start End 06:00 06:00  10-30-2008 Re	me: BUILD LO  Hrs Acti 24.0 LOC  ported By \$0 \$75,00  TVD  me: BUILD LO  Hrs Acti 24.0 ROC	PBTD: 0 CATION 30 T 0 PBTD: 0 CCATION (vity Description)	cription 0% COMPLETE Com Com Progress 0.0 cription T.	npletion npletion	\$0 \$0 <b>Days</b>		Dail Well MW	PKR De y Total Total 0.0	\$0 \$75,000 <b>Visc</b>	
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tit Start End 06:00 06:00  10-30-2008 Re DailyCosts: Drilling	me: BUILD LO  Hrs Acti 24.0 LOC  ported By \$0 \$75,00  TVD  me: BUILD LOC  Hrs Acti 24.0 ROC  eported By	PBTD: 0 OCATION 30 T 0 OPBTD: 0 OCATION ivity Description of the control of the c	cription 0% COMPLETE Con Con Progress 0.0 cription T. EERRY CSERE	npletion npletion 0	SO SO Days Perf:		Dail Well MW	PKR De	\$0 \$75,000 Visc pth: 0.0	
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tit Start End 06:00 06:00  10-30-2008 Re DailyCosts: Drilling	me: BUILD LO  Hrs Acti 24.0 LOC  ported By  \$0  \$75,00  TVD  me: BUILD LO  4.0 ROC  ported By  \$0  \$75,00	PBTD: 0 OCATION 30 T 0 OPBTD: 0 OCATION ivity Description of the control of the c	cription 0% COMPLETE Com Com Progress 0.0 cription T. EERRY CSERE	npletion O	\$0 \$0 \$0 Days Perf:		Dail Well MW	y Total  O.0  PKR De	\$0 \$75,000 Visc pth: 0.0	0.0
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tit Start End 06:00 06:00  10-30-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LO Prorted By \$0 \$75,00  TVD  me: BUILD LO Hrs Acti 24.0 ROC Prorted By \$0 \$75,00  TVD	PBTD: 0 DCATION 30 T 0 0 PBTD: 0 DCATION ivity Description ivity Description T 0	cription 0% COMPLETE Con Con Progress 0.0 cription T. ERRY CSERE Con Cor Progress	npletion  0  npletion npletion	\$0 \$0 \$0 Days Perf:	0	Dail Well MW Dail Well	PKR De y Total 0.0 PKR De	\$0 \$75,000 Visc pth: 0.0	0.0
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tit Start End 06:00 06:00  10-30-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LO Hrs Acti 24.0 LOC ported By \$0 \$75,00  TVD  me: BUILD LO Hrs Acti 24.0 ROC ported By \$0 \$75,00  TVD	PBTD: 0 CATION 30 T  O O PBTD: 0 CKED OUT T  O O O PBTD: 0 O O PBTD: 0	cription 0% COMPLETE Com Com Progress 0.0 cription T. CERRY CSERE Com Com Progress	npletion  0  npletion npletion	\$0 \$0 \$0 Days Perf:	0	Dail Well MW Dail Well	y Total  O.0  PKR De  y Total  total  Total  0.0	\$0 \$75,000 Visc pth: 0.0	0.0
Formation: Activity at Report Tit Start End 06:00 06:00  10-29-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tit Start End 06:00 06:00  10-30-2008 Re DailyCosts: Drilling	me: BUILD LO Prorted By \$0 \$75,00  TVD  me: BUILD LO Prorted By \$0 \$75,00  TVD  me: BUILD LO TVD  so TVD  me: BUILD LO TVD	PBTD: 0 CATION 30 T  O O PBTD: 0 CKED OUT T  O O O PBTD: 0 O O PBTD: 0	cription 0% COMPLETE Con Con Progress 0.0 cription T. EERRY CSERE Con Con Progress 0.0	npletion  0  npletion npletion	\$0 \$0 \$0 Days Perf:	0	Dail Well MW Dail Well	y Total  O.0  PKR De  y Total  total  Total  0.0	\$0 \$75,000 Visc pth: 0.0	

Page 2

	\$0 675.000		Completion	\$0 *0		Daily		\$0 \$75,000	
Cum Costs: Drilling	\$75,000		Completion	\$0 		Well		•	
MID 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		BTD: 0.0		Perf :			PKR De	pth : 0.0	
Activity at Report Ti									
Start End 06:00 06:00		ity Description LING ROCK.							
		TERRY CSER							
	eported By			øo.		<b>5.</b> 11	T ( )	ėn.	
DailyCosts: Drilling	\$0 \$75,000		Completion	\$0 \$0		Daily Well 7		\$0 \$75,000	
Cum Costs: Drilling			Completion		0				0.0
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0 <b>PKR De</b> j	Visc	0.0
Formation :		BTD: 0.0		Perf:			PKK Dej	ptm : 0.0	
Activity at Report Ti Start End									
Start End 06:00 06:00		ity Description  LING ROCK.							
	eported By	TERRY CSER	 Е						
DailyCosts: Drilling	\$0	•	Completion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$75,000		Completion	\$0		Well 3		\$75,000	
MD 0	TVD		-		0	MW	0.0	Visc	0.0
Formation :		0 Progress BTD: 0.0	v	Days Perf :	Ū	141 44	PKR De		0.0
Formation . Activity at Report Ti				reii.			i KK Dej	<b>pin .</b> 0.0	
Start End		ity Description							
	III ACIIV	ity Description							
06:00 06:00	24.0 SHOO	TING TODAY.							
06:00 06:00		TING TODAY. TERRY CSER	 Е						
06:00 06:00 11-05-2008 Re	eported By	TERRY CSER		\$0		Dally	Total	\$0	
06:00 06:00  11-05-2008 Red DailyCosts: Drilling		TERRY CSER	Completion	\$0 \$0		Daily Well		\$0 \$75,000	
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	\$0 \$75,000	TERRY CSER C	Completion Completion	\$0	0	Well			0.0
06:00 06:00  11-05-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$75,000 \$75	TERRY CSER C	Completion Completion		0	-	<b>Fotal</b> 0.0	\$75,000 <b>Visc</b>	0.0
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation:	\$0 \$75,000 TVD	TERRY CSER  C  O  Progress  BTD: 0.0	Completion Completion	\$0 Days	0	Well	<b>Fotal</b>	\$75,000 <b>Visc</b>	0.0
06:00 06:00  11–05–2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti	\$0 \$75,000 <b>TVD</b> <b>P</b> ! <b>me:</b> BUILD LOO	TERRY CSER  C  O  Progress  BTD: 0.0  CATION	Completion Completion	\$0 Days	0	Well	<b>Fotal</b> 0.0	\$75,000 <b>Visc</b>	0.0
06:00 06:00  11–05–2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti	\$0 \$75,000 TVD Pime: BUILD LOO	TERRY CSER  C  O  Progress  BTD: 0.0	Completion Completion	\$0 Days	0	Well	<b>Fotal</b> 0.0	\$75,000 <b>Visc</b>	0.0
06:00 06:00  11–05–2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti Start End 06:00 06:00	\$0 \$75,000 TVD Pime: BUILD LOO	TERRY CSER  C  Progress  BTD: 0.0  CATION  Ity Description	Completion Completion O	\$0 Days	0	Well	<b>Fotal</b> 0.0	\$75,000 <b>Visc</b>	0.0
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti Start End 06:00 06:00  11-06-2008 Ro	\$0 \$75,000 TVD PI me: BUILD LOO Hrs Activit	TERRY CSER  C  O  Progress  BTD: 0.0  CATION  Ity Description  ING OUT PIT.  TERRY CSER	Completion O	\$0 Days	0	Well 7	0.0 PKR Dep	\$75,000 <b>Visc</b>	0.0
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti Start End 06:00 06:00  11-06-2008 Ro DailyCosts: Drilling	so \$75,000  TVD  Pime: BUILD LOC  Hrs Active 24.0 PUSH	TERRY CSER  C  O  Progress  BTD: 0.0  CATION  Ity Description  ING OUT PIT.  TERRY CSERI	Completion  O  Completion	\$0 Days Perf:	0	Well	0.0 PKR Dep	\$75,000 Visc pth: 0.0	0.0
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti Start End 06:00 06:00  11-06-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	so \$75,000 TVD Pime: BUILD LOC Hrs Activity 24.0 PUSH: eported By \$0 \$75,000	TERRY CSER  C  O  Progress  BTD: 0.0  CATION  Ity Description  ING OUT PIT.  TERRY CSERI	Completion  ()  E  Completion  Completion	\$0  Days  Perf:  \$0  \$0  \$0	0	Well 7 MW	0.0 PKR Dep	\$75,000 <b>Visc</b> <b>pth</b> : 0.0 \$0 \$75,000	
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling MD 0  Formation: Activity at Report Ti Start End 06:00 06:00  11-06-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	**************************************	TERRY CSER.  C O Progress BTD: 0.0 CATION Ity Description ING OUT PIT.  TERRY CSER.  C O	Completion  ()  E  Completion  Completion	\$0 Days Perf:		Well 7 MW  Daily Well 7	O.0 PKR Dep	\$75,000 Visc pth: 0.0 \$0 \$75,000 Visc	
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti Start End 06:00 06:00  11-06-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	so \$75,000  TVD  P)  me: BUILD LOC  Hrs Activity 24.0 PUSH:  eported By \$0 \$75,000  TVD	TERRY CSER  C  O  Progress  BTD: 0.0  CATION  Ity Description  ING OUT PIT.  TERRY CSERI  C  O  Progress  BTD: 0.0	Completion  ()  E  Completion  Completion	\$0 Days Perf:  \$0 \$0 \$0 Days		Well 7 MW  Daily Well 7	O.O PKR Dep	\$75,000 Visc pth: 0.0 \$0 \$75,000 Visc	
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti Start End 06:00 06:00  11-06-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti	so \$75,000  TVD  P! me: BUILD LOC  Hrs Active 24.0 PUSH  eported By \$0 \$75,000  TVD  P! me: BUILD LOC	TERRY CSER.  C O Progress BTD: 0.0 CATION ING OUT PIT.  TERRY CSER.  C O Progress BTD: 0.0 CATION	Completion  ()  E  Completion  Completion	\$0 Days Perf:  \$0 \$0 \$0 Days		Well 7 MW  Daily Well 7	O.0 PKR Dep	\$75,000 Visc pth: 0.0 \$0 \$75,000 Visc	
06:00 06:00  11-05-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti Start End 06:00 06:00  11-06-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Ti	sported By \$0 \$75,000  TVD Pime: BUILD LOO Hrs Activity 24.0 PUSH: sported By \$0 \$75,000  TVD Pime: BUILD LOO Hrs Activity Activity	TERRY CSER  C  O  Progress  BTD: 0.0  CATION  Ity Description  ING OUT PIT.  TERRY CSERI  C  O  Progress  BTD: 0.0	Completion  ()  E  Completion  Completion	\$0 Days Perf:  \$0 \$0 \$0 Days		Well 7 MW  Daily Well 7	O.0 PKR Dep	\$75,000 Visc pth: 0.0 \$0 \$75,000 Visc	0.0

DailyCost	<del>-</del>	\$0 \$74.00	10		npletion	\$0 \$0			y Total   Total	\$0 \$75,000	
	s: Drilling	\$75,00			apletion 0		0	MW	0.0	Visc	0.0
MD Formation	60	TVD	60 <b>PBTD :</b> 0	Progress	U	Days Perf :	Ü	141 44	PKR De		0.0
•		ne: WO AIR I				i cii .			TIKKDU	<b>Pill 1</b> 0.0	
Start	End		ivity Desc	rintion							
06:00	06:00	24.0 LIN	E TODAY.	CRAIGS ROUS . CEMENT TO ND MICHAEL I	SURFACE	WITH READ	Y MIX. JEI	RRY BARNE	S NOTIFIED	PM. SET 60'C CAROL DANI	F 14" ELS
11-08-20	08 Re	ported By	T	ERRY CSERE			,				
DailyCost	s: Drilling	\$0		Соп	npletion	\$0		Dail	y Total	\$0	
Cum Cost	s: Drilling	\$75,00	00	Con	npletion	\$0		Well	l Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: WO AIR I	RIG								
Start	End	Hrs Act	ivity Desc	ription							
06:00	06:00	24.0 LOC	CATION CO	OMPLETE.							
11-18-20	08 Re	ported By	K	YLAN COOK							
DailyCost	s: Drilling	\$252,6	574	Соп	npletion	\$0		Dail	y Total	\$252,674	
Cum Cos	ts: Drilling	\$327,6	574	Con	npletion	\$0		Wel	l Total	\$327,674	
MD	2,352	TVD	2,352	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	pth : 0.0	
Activity a	t Report Th	me: WORT									
Start	End		ivity Desc	=							
06:00	06:00	FRC HAI	OM 1459'. I LLIBURTO	'S AIR RIG #3 ( LOST RETURN IN GUIDE SHO AR TILL GONI	S AT 1770 E AND FL	'. RAN 55 JTS OAT COLLA	5 (2333.34') R. 8 CENTI	OF 9-5/8", : RALIZERS S	36.0#, J-55, S PACED MID:	T&C CASING	WITH
		VAI CEM PPC	LVE TO 220 MENT. MIX G W/YIELD	BURTON CEME 00 PSIG. PUMP (ED & PUMPE) 0 OF 1.18 CF/SX 2008. CHECKEI	ED 180 BI D 400 SX ( C. DISPLA	BLS FRESH W (84 BBLS) OF CED CEMEN	/ATER & 20 PREMIUM T W/177 BE	) BBLS GEL I CEMENT V BLS FRESH	LED WATER V/2% CACL2 WATER. BUN	FLUSH AHEA . MIXED CEMI MPED PLUG W	D OF ENT @ 15. /528# @ 5:
				MIXED & PUM IELD OF 1.15 C					IT W/2% CAC	CL2, MIXED CI	EMENT @
				MIXED & PUM IELD OF 1.15 C					₹T W/2% CAC	CL2. MIXED CI	EMENT @
		PRE	EPARED LO	OCATION FOR	ROTARY	RIG. WORT.	WILL DRO	P FROM REI	PORT UNTIL	FURTHER AC	rivity.
		CRA	AIGS RIG	3 TOOK SURVE	EYS WHIL	E DRILLING	HOLE @ 1	217'= 0.5 DI	EGREE & 232	25' = 2.25 DEGI	REE.
		CO	NDUCTOR	LEVEL RECO	RD: PS= 8	9.8 OPS= 89.9	VDŞ <del></del> 89.8	3 MS= 89.8.			

9 5/8 CASING LEVEL RECORD: PS= 89.8 OPS= 89.8 VDS= 89.9 MS= 89.9.

KYLAN COOK EMAILED NOTIFICATION TO BLM OF THE SURFACE CASING & CEMENT JOB ON  $11-13-08\ @1+40\ PM$ 

		1:40 P	М.				e ye yangan kanala menga				
12-10-200	)8 Re	ported By	лм 9	CHLENKE	R						
DailyCosts	s: Drilling	\$92,884		Con	npletion	\$0		Dail	y Total	\$92,884	
Cum Cost	s: Drilling	\$420,558	3	Con	npletion	\$0		Well	Total	\$420,558	
MD	3,320	TVD	3,320	Progress	968	Days	1	MW	0.0	Visc	0.0
Formation	.:	P	BTD: 0.0			Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: DRILLING	@ 3,320'								
Start	End	Hrs Activ	ity Descrip	tion							
06:00	10:00	4.0 MIRU	FROM CW	U 1295–30 (.	.5 MILE).						
10:00	14:00	4.0 NU B	OP/DIVERT	ER, FMC PR	ESENT.						
		RJG C	N DAY RAT	TE @ 10:00,	12/09/2008						
14:00	19:00	INSID CHOK	E BOP, SAF Œ MANIFO	ETY VALVE LD, SUPER	E, INSIDE . CHOKE T	& OUTSIDE O 250 PSI F	E BOP VALV OR 5 MIN. &	ES, PIPE RA & 5000 PSI FO	MS, BLIND R	PPER & LOWE LAMS, HCR VA TEST ANNULA ST PASSED	LVE,
19:00	20:30			BUSHING, 1 M, TAG @ 22		OLE WITH '	7.875 "X–TR	EME" BIT &	BHA, INSTA	LL ROTATING	RUBBER,
20:30	21:30	1.0 DRILI	L CEMENT,	SHOE + 10	FEET NEV	V HOLE TO	2362', WOB	14/18, RPM	50+70MM.		
21:30	22:00	0.5 SPOT	HIGH VIS I	ILL, PERFO	ORM FIT, P	RESSURE 2	235  PSI = EM	4W 10.5, RUI	N WL SURVE	Y @ 2360' = 2	DEGREES.
22:00	06:00	8.0 DRILI	L <b>2352'</b> – 33	20' (968') RO	OP 121, WO	OB 22.5, RP	M 50+68MM	I, SPP 1250/1	300, TQR 220	0, MW 8.7, VIS	30.
		SAFE FULL FUEL FUNC FORM ROTA UNMA	TY MEETIN CREWS. ON HAND TION TEST IATION: MA TING WT 9'	9,674 GALL CROWN-O AHOGANY ( 7, PICK UP 1	ONS, FUE  MATIC. OIL SHAL  OI, SLAC  DAY #1 (	: PROPER V L USED 1,2 E. C OFF 94. FIRST DAY	ALVE FUNC 96 GALLON ON THIS W		98).		
06:00				E @ 22:00 H	•						
12-11-200		ported By	J.SCI	ILENKER/D							
DailyCost		\$33,071			apletion	\$0			y Total	\$33,071	
Cum Cost	s: Drilling	\$453,630	)	Con	apletion	\$0		Well	Total	\$453,630	
MD	4,950	TVD	4,950 I	rogress	1,628	Days	2	MW	8.7	Visc	31.0
Formation			BTD: 0.0			Perf:			PKR Dej	oth: 0.0	
Activity at	Report Ti	me: DRILLING	@ 4950'								
Start	End	Hrs Activ	ity Descrip	tion							
06:00	07:00	1.0 DRILI	LED 3327' T	O 3417', (90	'), ROP 90	MW 8.8, V	IS 30, GPM 4	430, NO LOS	S/GAIN.		

0.5 DEVATION SURVEY 3372' @ 2.5 DEGREE

07:00

07:30

07:30	11.20	40 DBILL	ED 2417' TC	3790' (36	3'\ P()P 0(	), MW 9.0. V	1S 32 GPM	430 NOTO	SS/GAIN		
11:30	11:30 12:00		ION SURVE				10 J2, OI M	450, IVO DC	)BB/G/HIV.		
12:00	14:30			_		)9, MW 9.1,	VIS 32 GPM	1 430 NO I	OSS/GAIN		
14:30	15:00	0.5 SERVI		1055 , (27	0 ), 1101 11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 10 02, 011	,			
15:00	20:00			4460'. (40	7'). ROP 8	I, MW 9.2, V	IS 35. GPM	430. NO LO	OSS/GAIN.		
20:00	20:30		ION SURVE				<b>,</b>	,			
20:30	06:00					o, MW 9.3, V	IS 36, GPM	430, NO LO	OSS/GAIN.		
12-12-20 DailyCost		NO AC NO RIG FULL ( SAFET SAFET FUEL ( TEST (	CIDENTS / G REPAIRS CREWS TY MEETING ON HAND 7 CROWN-O- NNED LOG	INCIDENT  G# 1 DRIV  G# 2 TRIPS  810 GLS, U  MATIC, BO  GER DAY  IE C WINK  Con	S ING S AND FAI USED 1864 OP DRILL 2	.LS	3	Dai	ly Total Il Total 9.1	\$36,370 \$490,000 <b>Visc</b>	35.0
			8 <b>TD</b> : 0.0	ogress	1,110	Perf :	3	171.77	PKR Dep		27.1
Formation		me: DRJLLING				i eii .			( KK Dej	<b></b>	
_				don							
06:00	End 14:00		ty Descript		12) BODA	6, MW 9.2, V	7534 GPM	430 NO L	OSS/GAIN		
14:00	14:30	0.5 SERVI		73321,(37	1 ), KOI 4	D, 141 44 J.Z., 4	15 55,. GI W	1 450, I O L	000/0/1111		
14:30	06:00	15.5 DRILL		) 6060° (73	9') ROP 4	7. MW 9.7. V	IS 33. GPM	430. NO LO	OSS/GAIN.		
11.50	00.00	.,,, 522	22 2321 10	, , , , , , , , , ,	. ,,	,	<b>,</b>				
		NO AC	CIDENTS /	INCIDENT	`S						
		NO RI	G REPAIRS								
		FULL (	CREWS								
		SAFET	Y MEETING	G#1PRES	SURE REL	.IEF					
		SAFET	Y MEETING	G # 2 WOR	KING ON	PUMPS					
		FUEL (	ON HAND 6	835 GLS, U	JSED 975 (	GLS					
		TEST (	CROWN-O-	MATIC, BO	OP DRILL						
		UNMA	NNED LOC	GER DAY	3						
12-13-20	08 Re	ported By	DUAN	E C WINK	LER						
DailyCost	ts: Drilling	\$29,892		Con	npletion	\$0		Dai	ly Total	\$29,892	
-	ts: Drilling	\$519,893		Con	npletion	\$0		Wei	ll Total	\$519,893	
MD	6,890	TVD	6,890 <b>P</b>	rogress	830	Days	4	MW	0.0	Visc	0.0
Formation	n:	Pi	BTD: 0.0			Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: DRILLING	@ 6890'								
Start	End	Hrs Activi	ty Descrip	tion							
06:00	12:00		•		3'), ROP 35	5, MW 9.7, V	IS 34, GPM	430, NO LC	SS/GAIN.		
				-							

NO ACCIDENTS / INCIDENTS

NO RIG REPAIRS

FULL CREWS

SAFETY MEETING # 1 CHANGE OUT BOOM DIES

SAFETY MEETING # 2 WORKING WITH STEAM HOSES

FUEL ON HAND 5037 GLS, USED 1798 GLS  $\,$ 

TEST CROWN-O-MATIC, BOP DRILL

**UNMANNED LOGGER DAY 4** 

12-14-2008	R	eported By	D	UANE C WINK	LER						
DailyCosts:	Drilling	\$38,638	1	Com	pletion	\$0		Daily	Total	\$38,638	
Cum Costs:	Drilling	\$558,53	1	Com	pletion	\$0		Well '	Total	\$558,531	
MD	7,311	TVD	7,311	Progress	127	Days	5	MW	10.3	Visc	34.0
Formation:		I	BTD: 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 7311'

Start	End	Hrs	Activity Description
06:00	12:00	6.0	DRILLED 6890' TO 7017', (127'), ROP 21, MW 10.3, VIS 36, GPM 430, NO LOSS/GAIN
12:00	13:00	1.0	SAFETY MEETING, MIX PILL, DROP SURVEY, PUMP PILL
13:00	18:00	5.0	TRIP FOR BIT
18:00	00:30	6.5	CHANGE OUT MUD MOTOR, BIT, TRIP IN HOLE WITH BIT.
00:30	05:00	4.5	$DRILLED\ 7017'\ TO\ 7311',\ (294'),\ ROP\ 65,\ MW\ 10.5,\ VIS\ 34,\ GPM\ 430,\ NO\ LOSS/GAIN.$
05:00	06:00	1.0	SERVICE RIG.

NO ACCIDENTS / INCIDENTS

NO RIG REPAIRS

**FULL CREWS** 

SAFETY MEETING # 1 FALL PROTECTION

SAFETY MEETING # 2 KELLY HOSE

FUEL ON HAND 3655 GLS, USED 1381 GLS

TEST CROWN-O-MATIC, BOP DRILL

**UNMANNED LOGGER DAY 5** 

12-15-2008	Re	ported By		DUANE C WINK	LER						
DailyCosts: I	Drilling	\$38,0	91	Con	pletion	\$3,675		Daily	Total	\$41,766	
Cum Costs: 1	Drilling	\$596,	,623	Соп	pletion	\$3,675		Well	Total	\$600,298	
MD	8,041	TVD	8,041	Progress	730	Days	6	MW	10.7	Visc	34.0
Formation:			PBTD:	0.0		Perf:			PKR Der	oth: 0.0	

Activity at Report Time: RIG REPAIR (SWIVEL). CUT DRLG LINE.

Start	End	Hrs Activity Description
06:00	09:30	3.5 DRILLED 7311' TO 7490', (179'), ROP 51, MW 10.6, VIS 35, GPM 430, NO LOSS/GAIN.
09:30	10:00	0.5 WORK PIPE, CONDITON HOLE
10:00	23:00	13.0 DRILLED 7490' TO 8041, (551'), ROP 42, MW 10.8, VIS 36, GPM 430, NO LOSS/GAIN.

23:00	05:00	6.0 TOP I	ORIVE FAIL	.ED. TOOH 1	O 2200' IN	ISIDE CASINO	G. RIG REI	PAIR, TOP D	RIVE SWIVE	EL INTER SEA	L
		ALLC	WING DRI	LLING FLUI	DS INTO (	GEAR CASE					
05:00	06:00	1.0 SLIP	& CUT DRI	LL LINE							
		NO A	CCIDENTS	/ INCIDENT	S						
		RIG R	EPAIRS: W	ORK ON TO	P DRIVE S	WIVEL INTE	R SEAL				
		FULL	CREWS								
		SAFE	TY MEETI	NG # 1 BLOV	DOWN E	OILER					
		SAFE	TY MEETII	NG # 2 SW1V	EL PACKI	NG					
		FUEL	ON HAND	6652 GLS, U	SED 1280	GLS					
		TEST	CROWN-C	D-MATIC, BO	OP DRILL						
		UNM	ANNED LO	GGER DAY	6						
12-16-20	08 R	eported By	DUA	NE C WINK	LER						
DailyCost	s: Drilling	\$44,768		Con	pletion	\$0		Dail	y Total	\$44,768	
Cum Cost	ts: Drilling	\$641,39	l	Соп	pletion	\$3,675		Well	Total	\$645,066	
MD	8,460	TVD	8,460	Progress	419	Days	7	MW	10.7	Visc	38.0
Formation	n:	P	<b>BTD</b> : 0.0			Perf:			PKR Dep	oth : 0.0	
Activity a	t Report Tl	me: DRILLING	@ 8460'								
Start	End	Hrs Activ	ity Descri	ption							
06:00	06:30	0.5 SERV	ICE RIG								
06:30	11:00	4.5 RIG F	EPAIR, CH	ANGE OUT	SEAL ON	SWIVEL					
11:00	14:00	3.0 TRIP	FOR BIT								
14:00	18:00	4.0 TRIP	IN HOLE W	итн віт							
18:00	20:30	2.5 RIG F	EPAIR, TR	IP IN WITH I	3IT						
20:30	21:30	1.0 WASI	I AND REA	M 92', MW 1	0.8, VIS 3	5, GPM 430, N	O LOSS/G.	AIN.			
21:30	06:00	8.5 DRIL	LED 8041'	TO 8460', (41	9'), ROP 4	9, MW 11.0, V	IS 36, GPM	I 430, NO L	OSS/GAIN		
		STAR	TED DRILI	LING THROU	IGH GAS I	BUSTER @ 81	30', DRILI	ING WITH	5' FLARE		
		NO A	CCIDENTS	/ INCIDENT	s						
				ORK ON TO	P DRIVE S	SWIVEL INTE	R SEAL				
			CREWS								
				NG # 1 FORK							
				NG # 2 SWIV							
				5175 GLS, U		GLS					
				)-MATIC, BO							
		· ·		OGGER DAY							
12-17-20		eported By		ANE C WINK		62.221		<b>7</b> 5. 11	T 4 1	620.074	
-	ts: Drilling	\$27,743 \$669,13			pletion pletion	\$2,331 \$6,006			y Total I Total	\$30,074 \$675,141	
MD	8,889	TVD		Progress	429	Days	8	MW	11.1	Visc	35.0
Formation			BTD: 0.0	11021000		Perf :		144 44	PKR Der		
		ne: RIG REPAI		IVE SWIVEI	`				1111111		
_	_				•						
Start 06:00	End 18:00		ity Descri	-	) DOD 24	MW/1123/16	35 (GDM /	130 NO LO	SS/GATNI		
06:00	18:00	12.0 DKIL		- 000y', (429'	), KOP 33,	MW 11.2, VIS	55, GPM 4	+30, NO LO	JO/GAIN.	. <del>-</del>	

18:00 12.0 TOOH TO SHOE FOR RIG REPAIR: TOP DRIVE SWIVEL GEAR BOX LEAKING OIL. 06:00 MW 11.2, VIS 36, CIRCULATIING, REBUILDING SWIVEL NO ACCIDENTS / INCIDENTS RIG REPAIRS: WORK ON TOP DRIVE SWIVEL FULL CREWS SAFETY MEETING # 1 OPERATING BOILER SAFETY MEETING # 2 PACKING BAR FUEL ON HAND 3546 GLS, USED 1628 GLS TEST CROWN-O-MATIC, BOP DRILL **UNMANNED LOGGER DAY 8** 12-18-2008 DUANE C WINKLER Reported By DailyCosts: Drilling \$44,613 \$121,140 **Daily Total** Completion \$165,753 **Cum Costs: Drilling** \$713,748 Completion \$127,146 Well Total \$840,894 9.000 36.0 MD TVD 9,000 111 MW11.2 **Progress** Days Visc Formation: **PBTD:** 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: LDDP / RIG REPAIR Start End Activity Description 12:30 6.5 RIG REPAIR: REPAIR TOP DRIVE SWIVEL, TRIP BIT BACK TO BTM 06:00 12:30 14:30 2.0 DRILLED 8889' TO 8943', (44'), ROP 22, MW 11.2, VIS 36, GPM 430, NO LOSS/GAIN. 14:30 15:00 0.5 SERVICE RIG 15:00 17:30 2.5 DRILLED 8943' TO 9000' TD, (57'), ROP 23, MW 11.2, VIS 36, GPM 430, NO LOSS/GAIN. REACHED TD AT 17:30 HRS, 12/17/08. 1.0 CIRCULATE, DROP SURVEY, PUMP PILL ( 275 BBL OF 14.2 = 12.0 EMW ) 17:30 18:30 18:30 00:30 6.0 TRIP OUT OF HOLE TO HWDP. 00:30 06:00 5.5 RIG REPAIR: BOOM CLAMP BROKE, REPAIRING CLAMP NO ACCIDENTS / INCIDENTS RIG REPAIRS: WELDING ON BOOM CLAMP **FULL CREWS SAFETY MEETING #1 TRIP IN HOLE** SAFETY MEETING # 2 TRIP OUT OF HOLE FUEL ON HAND 9028 GLS, USED 1348 GLS TEST CROWN-O-MATIC, BOP DRILL **UNMANNED LOGGER DAY 9** 12-19-2008 DUANE C WINKLER Reported By \$48,030 DailyCosts: Drilling Completion \$68,792 **Daily Total** \$116,822 \$761,779 \$957,717 Cum Costs: Drilling Completion \$195,938 Well Total MD 9,000 TVD 9,000 0 10 MW11.2 36.0 Visc Progress Days Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT Start End **Activity Description** 

1.5 RIG REPAIR: WELD ON BOOM.

07:30

06:00

Cum Cost	ts: Drilling	\$761	1,779	Cor	mpletion	\$239,690		Well 7	[ota]	\$1,001,469	
MD	9,000	TVD	9,000	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation	n:		PBTD: 8	3953.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: PREP F	OR FRACS								
Start	End	Hrs A	ctivity Desc	ription							
06:00		М	IRU SCHLU	MBERGER, LO	OG WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD T	O 950'. EST	CEMENT TO	P @ 1300'.
		RI	D SCHLUME	BERGER.							
01-10-20	09 Re	eported By	Si	EARLE							
DailyCost	s: Drilling	\$0		Cor	mpletion	\$650		Daily	Total	\$650	
Cum Cost	s: Drilling	\$761	1,779	Coi	mpletion	\$240,340		Well 7	Total .	\$1,002,119	
MD	9,000	TVD	9,000	Progress	0	Days	12	MW	0.0	Visc	0.0
					D.	10					

Formation:

**PBTD: 8953.0** 

Perf:

PKR Depth: 0.0

Activity at Report Time: PREP FOR FRACS

Start End

Hrs Activity Description

06:00 06:00

24.0 MIRU WSS. PRESSURE TEST CASING TO 6500 PSIG. HELD OK RD WSS.

01-15-2009	Repor	ted By	KE	ERN							
DailyCosts: Dri	lling	\$0		Соп	npletion	\$37,653		Daily	Total	\$37,653	
Cum Costs: Dri	lling	\$761,7	79	Соп	npletion	\$277,993		Well 7	Total	\$1,039,772	
<b>MD</b> 9,	000 <b>T</b> 7	VD	9,000	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation : ME	SAVERDE	3	<b>PBTD</b> : 89	953.0		Perf: 8085'-	8749'		PKR Dej	oth: 0.0	

Activity at Report Time: FRAC

Start End Hrs Activity Description

06:00 06:00

24.0 RU CUTTERS WIRELINE & PERFORATE LPR FROM 8366'-67', 8377'-78', 8422'-23', 8436'-37', 8451'-52', 8481'-82', 8527'-28', 8550'-51', 8567'-68', 8615'-16', 8630'-31', 8748'-49' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 3834 GAL LINEAR DELTA 200 PAD, 6386 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 23021 GAL DELTA 200 W/88900# 20/40 SAND @ 1-5 PPG. MTP 6600 PSIG. MTR 50.9 BPM. ATP 5076 PSIG. ATR 42.0 BPM. ISIP 5000 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8340'. PERFORATE MPR FROM 8085'-86', 8113'-14', 8143'-44', 8167'-68', 8195'-96', 8215'-16', 8221'-22', 8229'-30', 8260'-61', 8265'-66', 8281'-82', 8297'-98' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6543 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 15096 GAL DELTA 200 W/48300# 20/40 SAND @ 1-3 PPG. MTP 6733 PSIG. MTR 50.5 BPM. ATP 4877 PSIG. ATR 39.2 BPM. ISIP 3000 PSIG. RD HALLIBURTON. SDFN.

01-16-2009	Rep	orted By	K	ERN							
DailyCosts: D	rilling	\$0		Com	pletion	\$263,011		Daily	Total	\$263,011	
Cum Costs: D	rilling	\$761	,779	Com	pletion	\$541,004		Well	<b>Fotal</b>	\$1,302,784	
MD	9,000	ГVD	9,000	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : M	IESAVERI	DE	PBTD: 8	953.0		Perf : 6625'-	8749*		PKR De	oth: 0.0	

Activity at Report Time: PREP TO MIRUSU

Start End Hrs Activity Description

06:00 06:00

24.0 RUWL. SET 6K CFP AT 8055'. PERFORATE MPR FROM 7811'-12', 7831'-32', 7855'-56', 7885'-86', 7925'-26', 7933'-34', 7938'-39', 7953'-54', 7980'-81', 8005'-06', 8025'-26', 8036'-37' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6656 GAL LINEAR DEUTA 200 W/1# & 1.5# 20/40 SAND, 29423 GAL DEUTA 200 W/108300# 20/40 SAND @ 1-5 PPG. MTP 5960 PSIG. MTR 53.2 BPM. ATP 4880 PSIG. ATR 45.8 BPM. ISIP 2280 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7780'. PERFORATE MPR FROM 7528'-29', 7539'-40', 7545'-46', 7605'-06', 7620'-21', 7626'-27', 7649'-50', 7664'-65', 7689'-90', 7727'-28', 7738'-39', 7752'-53' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6369 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 57921 GAL DELTA 200 W/212000# 20/40 SAND @ 1-5 PPG. MTP 4703 PSIG. MTR 53.8 BPM. ATP 3936 PSIG. ATR 48.7 BPM. ISIP 2555 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7455'. PERFORATE UPR FROM 7201'-03', 7234'-35', 7252'-53', 7314'-15', 7335'-36', 7340'-41', 7360'-61', 7364'-65', 7369'-70', 7423'-24', 7435'-36' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 7155 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40, 24353 GAL DELTA 200 W/92600# 20/40 SAND @ 1-5 PPG. MTP 4597 PSIG. MTR 53.3 BPM. ATP 3961 PSIG. ATR 47.9 BPM. ISIP 2505 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7180'. PERFORATE UPR FROM 6897'-99', 6975'-76', 7015'-16', 7046'-47', 7057'-58', 7092'-93', 7098'-99', 7104'-05', 7153'-55', 7158'-59' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6680 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 24709 GAL DELTA 200 W/92300# 20/40 SAND @ 1-5 PPG. MTP 5270 PSIG. MTR 53.7 BPM. ATP 4051 PSIG. ATR 49.6 BPM. ISIP 2075 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6875'. PERFORATE UPR FROM 6625'-26', 6663'-64', 6682'-83', 6695'-96', 6705'-06', 6742'-43', 6779'-80', 6792'-93', 6801'-02', 6819'-20', 6848'-49', 6853'-54' @ 3 SPF @ 120° PHASING RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6457 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 40440 GAL DELTA 200 W/151300# 20/40 SAND @ 1-5 PPG. MTP 4012 PSIG. MTR 54.2 BPM. ATP 3477 PSIG. ATR 50.3 BPM. ISIP 2280 PSIG. RD HALLIBURTON.

#### RUWL SET 6K CBP AT 6534' RDMO CUTTERS WIRELINE.

		RU	JWL. SET 61	CBP AT 653	4'. RDMO C	UTTERS WIRE	LINE.				
01-17-20	009 Ro	ported By	PO	OWELL							
DailyCost	ts: Drilling	\$0		Co	mpletion	\$1,378		Daily	Total	\$1,378	
Cum Cos	ts: Drilling	\$761	,779	Co	mpletion	\$542,382		Well 7	Total	\$1,304,162	
MD	9,000	TVD	9,000	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	<b>PBTD</b> : 8	953.0		Perf: 6625'-	-8749'		PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: RU									
Start	End	Hrs A	ctivity Desc	ription				*			
06:00	06:00	24.0 M	IRU SU. SDI	WE.							
01-20-20	009 Re	eported By	P	OWELL							
DailyCos	ts: Drilling	\$0		Co	mpletion	\$8,113		Daily	Total	\$8,113	
Cum Cos	ts: Drilling	\$761	,779	Co	mpletion	\$550,495		Well	Total	\$1,312,275	
MD	9,000	TVD	9,000	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD: 8	953.0		Perf : 6625'-	-8749'		PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: CLEAN	OUT AFTE	R FRAC							
Start	End		ctivity Desc	-							
07:00	16:00	9.0 NI	D TREE. NU	BOPE. RIH W	//BIT & PUI	MP OFF SUB TO	O 6534'. F	U TO DRILL	OUT PLUG	S. SDFN.	
01-21-20	)09 R	eported By	P	OWELL							
DailyCos	ts: Drilling	\$0			mpletion	\$10,206		Daily		\$10,206	
Cum Cos	ts: Drilling	\$761	,779	Co	mpletion	\$560,701		Well	Total	\$1,322,481	
MD	9,000	TVD	9,000	Progress	0	Days	16	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD: 8	3953.0		Perf: 6625'-	-8749'		PKR De	pth: 0.0	
Activity 2	it Report Ti	me: FLOW	TEST								
Start	End		ctivity Desc	-							
07:00	17:00									40'. RIH. CLEA & SUB. RDMO	
		FI	OWED 14 H	IRS, 24/64" CI	HOKE. FTP	1300 PSIG. CP 1	1800 PSIC	3. 50 BFPH. R	ECOVEREI	858 BLW. 6443	BLWTR.
		π	JBING DETA	AIL LENGT	Ή						
		PU	JMP OFF SU	лв 1.00°							
		1.	JT 2-3/8" 4.7	7# L-80 TBG	32.95'						

XN NIPPLE 1.10'

227 JTS 2-3/8" 4.7# L-80 TBG 7464.10'

BELOW KB 12.00' LANDED @ 7511.15' KB

MD Formation : M	9,000	TVD	9,000 PBTD :	Progress	, 0	Days Perf: 6625'-	17	MW	0.0 PKR De	Visc	0.0
3.575	0.000	777 FTS	0.000			-	10	3.6331	0.0	T 70	0.0
Cum Costs: Drilling		\$	761,779	Completion		\$562,629		Well Total		\$1,324,409	
DailyCosts: D	rilling	\$	00	(	Completion	\$1,928		Daily	Total	\$1,928	
01-22-2009	Re	ported l	By 1	POWELL							

Activity at Report Time: FLOW TEST TO SALES

05:00

Start End Hrs Activity Description

05:00 24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1350 PSIG & CP 2050 PSIG. TURNED WELL OVER TO

QUESTAR SALES AT 12:00 HRS, 1/21/09. FLOWED 1320 MCFD RATE ON 24/64" CHOKE. STATIC 309. QGM

METER #8065. TEST UNIT.

FLOWED THROUGH TEST UNIT TO SALES 24 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 2050 PSIG. 48 BFPH. RECOVERED 966 BLW. 5477 BLWTR. 1200 MCFD RATE.

01-23-2009	Reporte	ed By	POWELL							
DailyCosts: Dril	ling	\$0	•	Completion	\$1,928		Daily	Total	\$1,928	
Cum Costs: Dril	ling	\$761,779	•	Completion	\$564,557		Well T	Total	\$1,326,337	
MD 9,0	00 <b>TV</b>	9,000	Progress	<b>s</b> 0	Days	18	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD:			8953.0		Perf : 6625'-	87491		PKR Dep	oth: 0.0	

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs Activity Description

05:00 05:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 900 PSIG. CP 1650 PSIG. 39 BFPH. RECOVERED 1012 BLW. 4465 BLWTR.

1300 MCFD RATE, FLOW THROUGH TEST UNIT TO SALES.

RECOVERED 856 BLW. 4009 BLWTR. 1.18 MCFD RATE.

### FLOWED 993 MCF, 12 BC & 1020 BW IN 20 HRS ON 24/64" CHOKE, TP 1050 PSIG, CP 1850 PSIG.

01-24-200	09 R	eported B	y Po	OWELL/ROGI	ER DART						
DailyCost	s: Drilling	\$0		Co	mpletion	\$1,928		Daily	Total	\$1,928	
Cum Cost	s: Drilling	\$7	61,779	Co	mpletion	\$566,485		Well 1	<b>Fotal</b>	\$1,328,265	
MD	9,000	TVD	9,000	Progress	0	Days	19	MW	0.0	Visc	0.0
Formation	: MESAVE	ERDE	<b>PBTD</b> : 8	953.0		Perf: 6625'-	8749'		PKR Dej	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: FLOW	TEST TO SA	LES							
Start	End	Hrs .	Activity Desc	ription							
05:00	05:00	24.0 I	FLOWED THR	OUGH TEST	UNIT TO SA	ALES 24 HRS. 2	4/64"CH	OKE.FTP 800	PSIG. CP 14	450 PSIG. 34 BI	PH.

## FLOWED 1184 MCF, 31 BC & 1036 BW IN 24 HRS ON 24/64" CHOKE, TP 1800 PSIG, CP 2500 PSIG.

01-25-2009	Re	eported By	P	OWELL/ROGER	DART						
DailyCosts: I	Orilling	\$0		Com	pletion	\$1,928		Daily '	Total	\$1,928	
Cum Costs: I	Drilling	\$761,7	79	Com	pletion	\$568,413		Well T	otal	\$1,330,193	
MD	9,000	TVD	9,000	Progress	0	Days	20	MW	0.0	Visc	0.0

Formation: MESAVERDE

**PBTD:** 8953.0

Perf: 6625'-8749'

PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

Start End

Hrs Activity Description

05:00 05:00

24.0 FLOWED THROUGH TEST UNIT TO SALES 24 HRS. 24/64" CHOKE. FTP 650 PSIG. CP 1350 PSIG. 28 BFPH.

RECOVERED 736 BLW. 2873 BLWTR. .996 MCFD RATE.

FLOWED 1086 MCF, 10 BC & 816 BW IN 24 HRS ON 24/64" CHOKE, TP 750 PSIG, CP 1360 PSIG.

01-26-2009	Re	porte	l By	POWELL/RC	GER DART						
DailyCosts:	Drilling		\$0		Completion	\$1,928		Daily	Total	\$1,928	
Cum Costs:	Drilling		\$761,779		Completion	\$570,341		Well	Total	\$1,332,121	
MD	9,000	TVD	9,000	Progres	<b>18</b> 0	Days	21	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD		8953.0		Perf: 6625'-	-8749'		PKR Dej	<b>pth:</b> 0.0			
	<b></b>										

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs Activity Description

05:00 05:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 600 PSIG. CP 1200 PSIG. 22 BFPH. RECOVERED 614 BLW. 2237 BLWTR.

989 MCFD RATE. FLOWED THROUGH TEST UNIT TO SALES.

FLOWED 994 MCF, 10 BC & 624 BW IN 24 HRS ON 24/64" CHOKE, TP 650 PSIG, CP 1220 PSIG.

Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-013
Expires: July 31, 201

SUNDRY		0100337							
Do not use thi abandoned wei	s form for proposals to on the second section in the second secon	drill or to re- )) for such p	enter an roposals. 	:	6. If Indian, Allottee or	Tribe Name			
SUBMIT IN TRI	PLICATE - Other Instruc	tions on rev	erse side.		7. If Unit or CA/Agree CHAPITA WELL				
1. Type of Well  Oil Well  Gas Well  Oth	ner				8. Well Name and No. CHAPITA WELLS	UNIT 1370-30			
Name of Operator     EOG RESOURCES, INC.		MARY A. MA tas@eogreso			9. API Well No. 43-047-39886				
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No Ph: 303-82	. (include area code 4-5526	<del>)</del>	10. Field and Pool, or Exploratory NATURAL BUTTES				
4. Location of Woll (Footage, Sec., T	., R., M., or Survey Description)				11. County or Parish, a	nd State			
Sec 30 T9S R23E NWSE 134 40.00343 N Lat, 109.36849 W				UINTAH COUNT	ry, ut				
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHER	DATA			
TYPE OF SUBMISSION	F ACTION								
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	■ Water Shut-Off			
_	☐ Alter Casing	ture Treat	☐ Reclam	ation	■ Well Integrity				
■ Subsequent Report	Casing Repair	□ New	Construction	☐ Recomp	plete	Other  Production Start-up			
☐ Final Abandonment Notice	□ Change Plans		and Abandon	☐ Tempor	arily Abandon	r roduction start-up			
13. Describe Proposed or Completed Op-	☐ Convert to Injection	Plug		☐ Water I	<u> </u>				
following completion of the involved testing has been completed. Final At determined that the site is ready for f.  The referenced well was turne report for drilling and completi	pandonment Notices shall be file inal inspection.) ad to sales on 1/21/2009. F on operations performed o	d only after all : Please see th	requirements, inclu ne attached ope	ding reclamatio	n, have been completed, a	nd the operator has			
14. I hereby certify that the foregoing is	Electronic Submission #	66615 verifie ESOURCES,	l by the BLM We INC., sent to the	ii Information Vernal	System				
Name (Printed/Typed) MARY A.	MAESTAS		Title REGU	LATORY AS	SISTANT				
Signature (FDect) pylic S	Submyssion)	لم	Date 01/26/2	2009					
J	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE				
AID-			Tist-			Date			
Approved By	d Approval of this potice does		Title			Date			
Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to condu	aitable title to those rights in the		Office		,				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent					ake to any department or a	agency of the United			

## WELL CHRONOLOGY **REPORT**

Report Generated On: 01-26-2009

Well Name	CWU 1370-30	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-39886	Well Class	COMP
County, State	UINTAH, UT	Spud Date	12-09-2008	Class Date	
Tax Credit	N	TVD / MD	9,000/ 9,000	Property #	062318
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
KB / GL Elev	5,086/ 5,073				
Location	Section 30, T9S, R23E, NWS	SE, 1343 FSL & 2338 I	FEL		

Event No	1.0	ı		Description	DR	ILL & COMPLE	TE				
Operator	EO	G RESOURO	ES, INC	WI %	55.0	686		NRI %		47.671	
AFE No		304988		AFE Total		1,810,400		DHC/0	ewc	880,7	700/ 929,700
Rig Contr	ELE	ENBURG	Rig Nam	ie ELENB	URG #29	Start Date	02-	-12-2008	Release	Date	12-19-2008
02-12-2008	R	cported By	C	YNTHIA HANS	ELMAN						
DailyCosts: D	rilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Com	pletion	\$0		Well	Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR D	<b>epth</b> : 0.0	0

Activity at Report Time: LOCATION DATA

Start End **Activity Description** 06:00 06:00 24.0 LOCATION DATA

1343' FSL & 2338' FEL (NW/SE)

SECTION 30, T9S, R23E UINTAH COUNTY, UTAH

LAT 40.003425, LONG 109.368492 (NAD 83)

LAT 40.003458, LONG 109.367814 (NAD 27)

ELENBURG #29

OBJECTIVE: 9000' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU 0337

ELEVATION: 5077.0' NAT GL, 5072.5' PREP GL (DUE TO ROUNDING PREP GL WILL BE 5073') 5086' KB (13')

EOG WI 55.6856%, NRI 47.67131%

10-24-2008

Reported By

TERRY CSERE

DailyCosts: Drilling	\$75,00			apletion	\$0			y Total	\$75,000	
Cum Costs: Drilling	\$75,00	0	Con	apletion	\$0		Well	Total	\$75,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Start End		vity Des	-							
06:00 06:00	24.0 LOC	'ATION S'	TARTED.							
10-27-2008 Re	ported By	Т	ERRY CSERE							
DailyCosts: Drilling	\$0		Con	npletion	\$0		Dail	y Total	\$0	
Cum Costs: Drilling	\$75,00	0	Con	apletion	\$0		Well	Total	\$75,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD :	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
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Start End	Hrs Act	vity Des	cription							
06:00 06:00	24.0 LOC	ATION 20	0% COMPLETE	•						
10-28-2008 Re	ported By	Т	ERRY CSERE							
DailyCosts: Drilling	\$0		Соп	npletion	\$0		Dail	y Total	\$0	
Cum Costs: Drilling	\$75,00	0	Con	npletion	\$0		Well	Total	\$75,000	
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<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Page 2

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Start	End		ivity Desc	rintion							
06:00	06:00	24.0 LIN	E TODAY.	CRAIGS ROUS . CEMENT TO ND MICHAEL I	SURFACE	WITH READ	Y MIX. JEI	RRY BARNE	S NOTIFIED	PM. SET 60'C CAROL DANI	F 14" ELS
11-08-20	08 Re	ported By	T	ERRY CSERE			,				
DailyCost	s: Drilling	\$0		Соп	npletion	\$0		Dail	y Total	\$0	
Cum Cost	s: Drilling	\$75,00	00	Con	npletion	\$0		Well	l Total	\$75,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n :		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: WO AIR I	RIG								
Start	End	Hrs Act	ivity Desc	ription							
06:00	06:00	24.0 LOC	CATION CO	OMPLETE.							
11-18-20	08 Re	ported By	K	YLAN COOK							
DailyCost	s: Drilling	\$252,6	574	Соп	npletion	\$0		Dail	y Total	\$252,674	
Cum Cos	ts: Drilling	\$327,6	574	Con	npletion	\$0		Wel	l Total	\$327,674	
MD	2,352	TVD	2,352	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	pth : 0.0	
Activity a	t Report Th	me: WORT									
Start	End		ivity Desc	=							
06:00	06:00	FRC HAI	OM 1459'. I LLIBURTO	'S AIR RIG #3 ( LOST RETURN IN GUIDE SHO AR TILL GONI	S AT 1770 E AND FL	'. RAN 55 JTS OAT COLLA	5 (2333.34') R. 8 CENTI	OF 9-5/8", : RALIZERS S	36.0#, J-55, S PACED MID:	T&C CASING	WITH
		VAI CEM PPC	LVE TO 220 MENT. MIX G W/YIELD	BURTON CEME 00 PSIG. PUMP (ED & PUMPE) 0 OF 1.18 CF/SX 2008. CHECKEI	ED 180 BI D 400 SX ( C. DISPLA	BLS FRESH W (84 BBLS) OF CED CEMEN	/ATER & 20 PREMIUM T W/177 BE	) BBLS GEL I CEMENT V BLS FRESH	LED WATER V/2% CACL2 WATER. BUN	FLUSH AHEA . MIXED CEMI MPED PLUG W	D OF ENT @ 15. /528# @ 5:
				MIXED & PUM IELD OF 1.15 C					IT W/2% CAC	CL2, MIXED CI	EMENT @
				MIXED & PUM IELD OF 1.15 C					₹T W/2% CAC	CL2. MIXED CI	EMENT @
		PRE	EPARED LO	OCATION FOR	ROTARY	RIG. WORT.	WILL DRO	P FROM REI	PORT UNTIL	FURTHER AC	rivity.
		CRA	AIGS RIG	3 TOOK SURVE	EYS WHIL	E DRILLING	HOLE @ 1	217'= 0.5 DI	EGREE & 232	25' = 2.25 DEGI	REE.
		CO	NDUCTOR	LEVEL RECO	RD: PS= 8	9.8 OPS= 89.9	VDŞ <del></del> 89.8	3 MS= 89.8.			

9 5/8 CASING LEVEL RECORD: PS= 89.8 OPS= 89.8 VDS= 89.9 MS= 89.9.

KYLAN COOK EMAILED NOTIFICATION TO BLM OF THE SURFACE CASING & CEMENT JOB ON  $11-13-08\ @1+40\ PM$ 

		1:40 P	М.				e ye yangan kanala menga				
12-10-200	)8 Re	ported By	лм 9	CHLENKE	R						
DailyCosts	s: Drilling	\$92,884		Con	npletion	\$0		Dail	y Total	\$92,884	
Cum Cost	s: Drilling	\$420,558	3	Con	npletion	\$0		Well	Total	\$420,558	
MD	3,320	TVD	3,320	Progress	968	Days	1	MW	0.0	Visc	0.0
Formation	.:	P	BTD: 0.0			Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: DRILLING	@ 3,320'								
Start	End	Hrs Activ	ity Descrip	tion							
06:00	10:00	4.0 MIRU	FROM CW	U 1295–30 (.	.5 MILE).						
10:00	14:00	4.0 NU B	OP/DIVERT	ER, FMC PR	ESENT.						
		RJG C	N DAY RAT	TE @ 10:00,	12/09/2008						
14:00	19:00	INSID CHOK	E BOP, SAF Œ MANIFO	ETY VALVE LD, SUPER	E, INSIDE . CHOKE T	& OUTSIDE O 250 PSI F	E BOP VALV OR 5 MIN. &	ES, PIPE RA & 5000 PSI FO	MS, BLIND R	PPER & LOWE LAMS, HCR VA TEST ANNULA ST PASSED	LVE,
19:00	20:30			BUSHING, 1 M, TAG @ 22		OLE WITH '	7.875 "X–TR	EME" BIT &	BHA, INSTA	LL ROTATING	RUBBER,
20:30	21:30	1.0 DRILI	L CEMENT,	SHOE + 10	FEET NEV	V HOLE TO	2362', WOB	14/18, RPM	50+70MM.		
21:30	22:00	0.5 SPOT	HIGH VIS I	ILL, PERFO	ORM FIT, P	RESSURE 2	235  PSI = EM	4W 10.5, RUI	N WL SURVE	Y @ 2360' = 2	DEGREES.
22:00	06:00	8.0 DRILI	L <b>2352'</b> – 33	20' (968') RO	OP 121, WO	OB 22.5, RP	M 50+68MM	I, SPP 1250/1	300, TQR 220	0, MW 8.7, VIS	30.
		SAFE FULL FUEL FUNC FORM ROTA UNMA	TY MEETIN CREWS. ON HAND TION TEST IATION: MA TING WT 9'	9,674 GALL CROWN-O AHOGANY ( 7, PICK UP 1	ONS, FUE  MATIC. OIL SHAL  OI, SLAC  DAY #1 (	: PROPER V L USED 1,2 E. C OFF 94. FIRST DAY	ALVE FUNC 96 GALLON ON THIS W		98).		
06:00				E @ 22:00 H	•						
12-11-200		ported By	J.SCI	ILENKER/D							
DailyCost		\$33,071			apletion	\$0			y Total	\$33,071	
Cum Cost	s: Drilling	\$453,630	)	Con	apletion	\$0		Well	Total	\$453,630	
MD	4,950	TVD	4,950 I	rogress	1,628	Days	2	MW	8.7	Visc	31.0
Formation			BTD: 0.0			Perf:			PKR Dej	oth: 0.0	
Activity at	Report Ti	me: DRILLING	@ 4950'								
Start	End	Hrs Activ	ity Descrip	tion							
06:00	07:00	1.0 DRILI	LED 3327' T	O 3417', (90	'), ROP 90	MW 8.8, V	IS 30, GPM 4	430, NO LOS	S/GAIN.		

0.5 DEVATION SURVEY 3372' @ 2.5 DEGREE

07:00

07:30

07:30	11.20	40 DBILL	ED 2417' TC	3790' (36	3'\ P()P 0(	), MW 9.0. V	IS 32 GPM	430 NOTO	SS/GAIN		
11:30	11:30 12:00		ION SURVE				10 J2, OI M	450, IVO DC	)BB/G/HIV.		
12:00	14:30			_		)9, MW 9.1,	VIS 32 GPM	1 430 NO I	OSS/GAIN		
14:30	15:00	0.5 SERVI		1055 , (27	0 ), 1101 11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 10 02, 011	,			
15:00	20:00			4460'. (40	7'). ROP 8	I, MW 9.2, V	IS 35. GPM	430. NO LO	OSS/GAIN.		
20:00	20:30		ION SURVE				<b>,</b>	,			
20:30	06:00					o, MW 9.3, V	IS 36, GPM	430, NO LO	OSS/GAIN.		
12-12-20 DailyCost		NO AC NO RIG FULL ( SAFET SAFET FUEL ( TEST (	CIDENTS / G REPAIRS CREWS TY MEETING ON HAND 7 CROWN-O- NNED LOG	INCIDENT  G# 1 DRIV  G# 2 TRIPS  810 GLS, U  MATIC, BO  GER DAY  IE C WINK  Con	S ING S AND FAI USED 1864 OP DRILL 2	.LS	3	Dai	ly Total Il Total 9.1	\$36,370 \$490,000 <b>Visc</b>	35.0
			8 <b>TD</b> : 0.0	ogress	1,110	Perf :	3	171.77	PKR Dep		27.1
Formation		me: DRJLLING				i eii .			( KK Dej	<b></b>	
_				don							
06:00	End 14:00		ty Descript		12) BODA	6, MW 9.2, V	7534 GPM	430 NO L	OSS/GAIN		
14:00	14:30	0.5 SERVI		73321,(37	1 ), KOI 4	D, 141 44 J.Z., 4	15 55,. GI W	1 450, I O L	000/0/1111		
14:30	06:00	15.5 DRILL		) 6060° (73	9') ROP 4	7. MW 9.7. V	IS 33. GPM	430. NO LO	OSS/GAIN.		
11.50	00.00	.,,, 522	22 2321 10	, , , , , , , , , ,	. ,,	,	<b>,</b>				
		NO AC	CIDENTS /	INCIDENT	`S						
		NO RI	G REPAIRS								
		FULL (	CREWS								
		SAFET	Y MEETING	G#1PRES	SURE REL	.IEF					
		SAFET	Y MEETING	G # 2 WOR	KING ON	PUMPS					
		FUEL (	ON HAND 6	835 GLS, U	JSED 975 (	GLS					
		TEST (	CROWN-O-	MATIC, BO	OP DRILL						
		UNMA	NNED LOC	GER DAY	3						
12-13-20	08 Re	ported By	DUAN	E C WINK	LER						
DailyCost	ts: Drilling	\$29,892		Con	npletion	\$0		Dai	ly Total	\$29,892	
-	ts: Drilling	\$519,893		Con	npletion	\$0		Wei	ll Total	\$519,893	
MD	6,890	TVD	6,890 <b>P</b>	rogress	830	Days	4	MW	0.0	Visc	0.0
Formation	n:	Pi	BTD: 0.0			Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: DRILLING	@ 6890'								
Start	End	Hrs Activi	ty Descrip	tion							
06:00	12:00		•		3'), ROP 35	5, MW 9.7, V	IS 34, GPM	430, NO LC	SS/GAIN.		
				-							

NO ACCIDENTS / INCIDENTS

NO RIG REPAIRS

FULL CREWS

SAFETY MEETING # 1 CHANGE OUT BOOM DIES

SAFETY MEETING # 2 WORKING WITH STEAM HOSES

FUEL ON HAND 5037 GLS, USED 1798 GLS  $\,$ 

TEST CROWN-O-MATIC, BOP DRILL

**UNMANNED LOGGER DAY 4** 

12-14-2008	R	eported By	D	UANE C WINK	LER						
DailyCosts:	Drilling	\$38,638	1	Com	pletion	\$0		Daily	Total	\$38,638	
Cum Costs:	Drilling	\$558,53	1	Com	pletion	\$0		Well '	Total	\$558,531	
MD	7,311	TVD	7,311	Progress	127	Days	5	MW	10.3	Visc	34.0
Formation:		I	BTD: 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 7311'

Start	End	Hrs	Activity Description
06:00	12:00	6.0	DRILLED 6890' TO 7017', (127'), ROP 21, MW 10.3, VIS 36, GPM 430, NO LOSS/GAIN
12:00	13:00	1.0	SAFETY MEETING, MIX PILL, DROP SURVEY, PUMP PILL
13:00	18:00	5.0	TRIP FOR BIT
18:00	00:30	6.5	CHANGE OUT MUD MOTOR, BIT, TRIP IN HOLE WITH BIT.
00:30	05:00	4.5	$DRILLED\ 7017'\ TO\ 7311',\ (294'),\ ROP\ 65,\ MW\ 10.5,\ VIS\ 34,\ GPM\ 430,\ NO\ LOSS/GAIN.$
05:00	06:00	1.0	SERVICE RIG.

NO ACCIDENTS / INCIDENTS

NO RIG REPAIRS

**FULL CREWS** 

SAFETY MEETING # 1 FALL PROTECTION

SAFETY MEETING # 2 KELLY HOSE

FUEL ON HAND 3655 GLS, USED 1381 GLS

TEST CROWN-O-MATIC, BOP DRILL

**UNMANNED LOGGER DAY 5** 

12-15-2008	Re	ported By		DUANE C WINK	LER						
DailyCosts: I	Drilling	\$38,0	91	Con	pletion	\$3,675		Daily	Total	\$41,766	
Cum Costs: 1	Drilling	\$596,	,623	Соп	pletion	\$3,675		Well	Total	\$600,298	
MD	8,041	TVD	8,041	Progress	730	Days	6	MW	10.7	Visc	34.0
Formation:			PBTD:	0.0		Perf:			PKR Der	oth: 0.0	

Activity at Report Time: RIG REPAIR (SWIVEL). CUT DRLG LINE.

Start	End	Hrs Activity Description
06:00	09:30	3.5 DRILLED 7311' TO 7490', (179'), ROP 51, MW 10.6, VIS 35, GPM 430, NO LOSS/GAIN.
09:30	10:00	0.5 WORK PIPE, CONDITON HOLE
10:00	23:00	13.0 DRILLED 7490' TO 8041, (551'), ROP 42, MW 10.8, VIS 36, GPM 430, NO LOSS/GAIN.

23:00	05:00	6.0 TOP I	ORIVE FAIL	.ED. TOOH 1	O 2200' IN	ISIDE CASINO	G. RIG REI	PAIR, TOP D	RIVE SWIVE	EL INTER SEA	L
		ALLC	WING DRI	LLING FLUI	DS INTO (	GEAR CASE					
05:00	06:00	1.0 SLIP	& CUT DRI	LL LINE							
		NO A	CCIDENTS	/ INCIDENT	S						
		RIG R	EPAIRS: W	ORK ON TO	P DRIVE S	WIVEL INTE	R SEAL				
		FULL	CREWS								
		SAFE	TY MEETI	NG # 1 BLOV	DOWN E	OILER					
		SAFE	TY MEETII	NG # 2 SW1V	EL PACKI	NG					
		FUEL	ON HAND	6652 GLS, U	SED 1280	GLS					
		TEST	CROWN-C	D-MATIC, BO	OP DRILL						
		UNM	ANNED LO	GGER DAY	6						
12-16-20	08 R	eported By	DUA	NE C WINK	LER						
DailyCost	s: Drilling	\$44,768		Con	pletion	\$0		Dail	y Total	\$44,768	
Cum Cost	ts: Drilling	\$641,39	l	Соп	pletion	\$3,675		Well	Total	\$645,066	
MD	8,460	TVD	8,460	Progress	419	Days	7	MW	10.7	Visc	38.0
Formation	n:	P	<b>BTD</b> : 0.0			Perf:			PKR Dep	oth : 0.0	
Activity a	t Report Tl	me: DRILLING	@ 8460'								
Start	End	Hrs Activ	ity Descri	ption							
06:00	06:30	0.5 SERV	ICE RIG								
06:30	11:00	4.5 RIG F	EPAIR, CH	ANGE OUT	SEAL ON	SWIVEL					
11:00	14:00	3.0 TRIP	FOR BIT								
14:00	18:00	4.0 TRIP	IN HOLE W	итн віт							
18:00	20:30	2.5 RIG F	EPAIR, TR	IP IN WITH I	3IT						
20:30	21:30	1.0 WASI	I AND REA	M 92', MW 1	0.8, VIS 3	5, GPM 430, N	O LOSS/G.	AIN.			
21:30	06:00	8.5 DRIL	LED 8041'	TO 8460', (41	9'), ROP 4	9, MW 11.0, V	IS 36, GPM	I 430, NO L	OSS/GAIN		
		STAR	TED DRILI	LING THROU	IGH GAS I	BUSTER @ 81	30', DRILI	ING WITH	5' FLARE		
		NO A	CCIDENTS	/ INCIDENT	s						
				ORK ON TO	P DRIVE S	SWIVEL INTE	R SEAL				
			CREWS								
				NG # 1 FORK							
				NG # 2 SWIV							
				5175 GLS, U		GLS					
				)-MATIC, BO							
		· ·		OGGER DAY							
12-17-20		eported By		ANE C WINK		62.221		<b>7</b> 5. 11	T 4 1	620.074	
-	ts: Drilling	\$27,743 \$669,13			pletion pletion	\$2,331 \$6,006			y Total I Total	\$30,074 \$675,141	
MD	8,889	TVD		Progress	429	Days	8	MW	11.1	Visc	35.0
Formation			BTD: 0.0	11021000		Perf :		144 44	PKR Der		
		ne: RIG REPAI		IVE SWIVEI	`				1111111		
_	_				•						
Start 06:00	End 18:00		ity Descri	-	) DOD 24	MW/1123/16	35 (GDM /	130 NO LO	SS/GATNI		
06:00	18:00	12.0 DKIL		- 000y', (429'	), KOP 33,	MW 11.2, VIS	55, GPM 4	+30, NO LO	JO/GAIN.	. <del>-</del>	

18:00 12.0 TOOH TO SHOE FOR RIG REPAIR: TOP DRIVE SWIVEL GEAR BOX LEAKING OIL. 06:00 MW 11.2, VIS 36, CIRCULATIING, REBUILDING SWIVEL NO ACCIDENTS / INCIDENTS RIG REPAIRS: WORK ON TOP DRIVE SWIVEL FULL CREWS SAFETY MEETING # 1 OPERATING BOILER SAFETY MEETING # 2 PACKING BAR FUEL ON HAND 3546 GLS, USED 1628 GLS TEST CROWN-O-MATIC, BOP DRILL **UNMANNED LOGGER DAY 8** 12-18-2008 DUANE C WINKLER Reported By DailyCosts: Drilling \$44,613 \$121,140 **Daily Total** Completion \$165,753 **Cum Costs: Drilling** \$713,748 Completion \$127,146 Well Total \$840,894 9.000 36.0 MD TVD 9,000 111 MW11.2 **Progress** Days Visc Formation: **PBTD:** 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: LDDP / RIG REPAIR Start End Activity Description 12:30 6.5 RIG REPAIR: REPAIR TOP DRIVE SWIVEL, TRIP BIT BACK TO BTM 06:00 12:30 14:30 2.0 DRILLED 8889' TO 8943', (44'), ROP 22, MW 11.2, VIS 36, GPM 430, NO LOSS/GAIN. 14:30 15:00 0.5 SERVICE RIG 15:00 17:30 2.5 DRILLED 8943' TO 9000' TD, (57'), ROP 23, MW 11.2, VIS 36, GPM 430, NO LOSS/GAIN. REACHED TD AT 17:30 HRS, 12/17/08. 1.0 CIRCULATE, DROP SURVEY, PUMP PILL ( 275 BBL OF 14.2 = 12.0 EMW ) 17:30 18:30 18:30 00:30 6.0 TRIP OUT OF HOLE TO HWDP. 00:30 06:00 5.5 RIG REPAIR: BOOM CLAMP BROKE, REPAIRING CLAMP NO ACCIDENTS / INCIDENTS RIG REPAIRS: WELDING ON BOOM CLAMP **FULL CREWS SAFETY MEETING #1 TRIP IN HOLE** SAFETY MEETING # 2 TRIP OUT OF HOLE FUEL ON HAND 9028 GLS, USED 1348 GLS TEST CROWN-O-MATIC, BOP DRILL **UNMANNED LOGGER DAY 9** 12-19-2008 DUANE C WINKLER Reported By \$48,030 DailyCosts: Drilling Completion \$68,792 **Daily Total** \$116,822 \$761,779 \$957,717 Cum Costs: Drilling Completion \$195,938 Well Total MD 9,000 TVD 9,000 0 10 MW11.2 36.0 Visc Progress Days Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT Start End **Activity Description** 

1.5 RIG REPAIR: WELD ON BOOM.

07:30

06:00

Cum Cost	ts: Drilling	\$761	1,779	Cor	mpletion	\$239,690		Well 7	[ota]	\$1,001,469	
MD	9,000	TVD	9,000	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation	n:		PBTD: 8	3953.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: PREP F	OR FRACS								
Start	End	Hrs A	ctivity Desc	ription							
06:00		М	IRU SCHLU	MBERGER, LO	OG WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD T	O 950'. EST	CEMENT TO	P @ 1300'.
		RI	D SCHLUME	BERGER.							
01-10-20	09 Re	eported By	Si	EARLE							
DailyCost	s: Drilling	\$0		Cor	mpletion	\$650		Daily	Total	\$650	
Cum Cost	s: Drilling	\$761,779			mpletion	\$240,340		Well 7	Total .	\$1,002,119	
MD	9,000	TVD	9,000	Progress	0	Days	12	MW	0.0	Visc	0.0
					D.	10					

Formation:

**PBTD: 8953.0** 

Perf:

PKR Depth: 0.0

Activity at Report Time: PREP FOR FRACS

Start End

Hrs Activity Description

06:00 06:00

24.0 MIRU WSS. PRESSURE TEST CASING TO 6500 PSIG. HELD OK RD WSS.

01-15-2009	Repor	ted By	KE	ERN							
DailyCosts: Dri	lling	\$0		Соп	npletion	\$37,653		Daily	Total	\$37,653	
Cum Costs: Drilling		\$761,779		Completion		\$277,993		Well 7	Total	\$1,039,772	
<b>MD</b> 9,	000 <b>T</b> 7	VD	9,000	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation : ME	SAVERDE	3	<b>PBTD</b> : 89	953.0		Perf: 8085'-	8749'		PKR Dej	oth: 0.0	

Activity at Report Time: FRAC

Start End Hrs Activity Description

06:00 06:00

24.0 RU CUTTERS WIRELINE & PERFORATE LPR FROM 8366'-67', 8377'-78', 8422'-23', 8436'-37', 8451'-52', 8481'-82', 8527'-28', 8550'-51', 8567'-68', 8615'-16', 8630'-31', 8748'-49' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 3834 GAL LINEAR DELTA 200 PAD, 6386 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 23021 GAL DELTA 200 W/88900# 20/40 SAND @ 1-5 PPG. MTP 6600 PSIG. MTR 50.9 BPM. ATP 5076 PSIG. ATR 42.0 BPM. ISIP 5000 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8340'. PERFORATE MPR FROM 8085'-86', 8113'-14', 8143'-44', 8167'-68', 8195'-96', 8215'-16', 8221'-22', 8229'-30', 8260'-61', 8265'-66', 8281'-82', 8297'-98' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6543 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 15096 GAL DELTA 200 W/48300# 20/40 SAND @ 1-3 PPG. MTP 6733 PSIG. MTR 50.5 BPM. ATP 4877 PSIG. ATR 39.2 BPM. ISIP 3000 PSIG. RD HALLIBURTON. SDFN.

01-16-2009	Rep	orted By	K	ERN							
DailyCosts: D	rilling	\$0		Com	pletion	\$263,011		Daily	Total	\$263,011	
Cum Costs: Drilling		\$761	,779	Com	pletion	\$541,004		Well	Fotal	\$1,302,784	
MD	9,000	ГVD	9,000	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : M	IESAVERI	DE	PBTD: 8	953.0		Perf : 6625'-	8749*		PKR De	oth: 0.0	

Activity at Report Time: PREP TO MIRUSU

Start End Hrs Activity Description

06:00 06:00

24.0 RUWL. SET 6K CFP AT 8055'. PERFORATE MPR FROM 7811'-12', 7831'-32', 7855'-56', 7885'-86', 7925'-26', 7933'-34', 7938'-39', 7953'-54', 7980'-81', 8005'-06', 8025'-26', 8036'-37' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6656 GAL LINEAR DEUTA 200 W/1# & 1.5# 20/40 SAND, 29423 GAL DEUTA 200 W/108300# 20/40 SAND @ 1-5 PPG. MTP 5960 PSIG. MTR 53.2 BPM. ATP 4880 PSIG. ATR 45.8 BPM. ISIP 2280 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7780'. PERFORATE MPR FROM 7528'-29', 7539'-40', 7545'-46', 7605'-06', 7620'-21', 7626'-27', 7649'-50', 7664'-65', 7689'-90', 7727'-28', 7738'-39', 7752'-53' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6369 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 57921 GAL DELTA 200 W/212000# 20/40 SAND @ 1-5 PPG. MTP 4703 PSIG. MTR 53.8 BPM. ATP 3936 PSIG. ATR 48.7 BPM. ISIP 2555 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7455'. PERFORATE UPR FROM 7201'-03', 7234'-35', 7252'-53', 7314'-15', 7335'-36', 7340'-41', 7360'-61', 7364'-65', 7369'-70', 7423'-24', 7435'-36' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 7155 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40, 24353 GAL DELTA 200 W/92600# 20/40 SAND @ 1-5 PPG. MTP 4597 PSIG. MTR 53.3 BPM. ATP 3961 PSIG. ATR 47.9 BPM. ISIP 2505 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7180'. PERFORATE UPR FROM 6897'-99', 6975'-76', 7015'-16', 7046'-47', 7057'-58', 7092'-93', 7098'-99', 7104'-05', 7153'-55', 7158'-59' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6680 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 24709 GAL DELTA 200 W/92300# 20/40 SAND @ 1-5 PPG. MTP 5270 PSIG. MTR 53.7 BPM. ATP 4051 PSIG. ATR 49.6 BPM. ISIP 2075 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6875'. PERFORATE UPR FROM 6625'-26', 6663'-64', 6682'-83', 6695'-96', 6705'-06', 6742'-43', 6779'-80', 6792'-93', 6801'-02', 6819'-20', 6848'-49', 6853'-54' @ 3 SPF @ 120° PHASING RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 6457 GAL LINEAR DELTA 200 W/1# & 1.5# 20/40 SAND, 40440 GAL DELTA 200 W/151300# 20/40 SAND @ 1-5 PPG. MTP 4012 PSIG. MTR 54.2 BPM. ATP 3477 PSIG. ATR 50.3 BPM. ISIP 2280 PSIG. RD HALLIBURTON.

#### RUWL SET 6K CBP AT 6534' RDMO CUTTERS WIRELINE.

		RU	JWL. SET 61	CBP AT 653	4'. RDMO C	UTTERS WIRE	LINE.				
01-17-20	009 Ro	ported By	PO	OWELL							
DailyCost	ts: Drilling	\$0		Co	mpletion	\$1,378		Daily	Total	\$1,378	
Cum Cos	ts: Drilling	\$761	,779	Co	mpletion	\$542,382		Well 7	Total	\$1,304,162	
MD	9,000	TVD	9,000	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	<b>PBTD</b> : 8	953.0		Perf: 6625'-	-8749'		PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: RU									
Start	End	Hrs A	ctivity Desc	ription				*			
06:00	06:00	24.0 M	IRU SU. SDI	WE.							
01-20-20	009 Re	eported By	P	OWELL							
DailyCos	ts: Drilling	\$0		Co	mpletion	\$8,113		Daily	Total	\$8,113	
Cum Cos	ts: Drilling	\$761	,779	Co	mpletion	\$550,495		Well	Total	\$1,312,275	
MD	9,000	TVD	9,000	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD: 8	953.0		Perf : 6625'-	-8749'		PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: CLEAN	OUT AFTE	R FRAC							
Start	End		ctivity Desc	-							
07:00	16:00	9.0 NI	D TREE. NU	BOPE. RIH W	//BIT & PUI	MP OFF SUB TO	O 6534'. F	U TO DRILL	OUT PLUG	S. SDFN.	
01-21-20	)09 R	eported By	P	OWELL							
DailyCos	ts: Drilling	\$0			mpletion	\$10,206		Daily		\$10,206	
Cum Cos	ts: Drilling	\$761	,779	Co	mpletion	\$560,701		Well	Total	\$1,322,481	
MD	9,000	TVD	9,000	Progress	0	Days	16	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD: 8	3953.0		Perf: 6625'-	-8749'		PKR De	pth: 0.0	
Activity 2	it Report Ti	me: FLOW	TEST								
Start	End		ctivity Desc	-							
07:00	17:00									40'. RIH. CLEA & SUB. RDMO	
		FI	OWED 14 H	IRS, 24/64" CI	HOKE. FTP	1300 PSIG. CP 1	1800 PSIC	3. 50 BFPH. R	ECOVEREI	858 BLW. 6443	BLWTR.
		π	JBING DETA	AIL LENGT	Ή						
		PU	JMP OFF SU	лв 1.00°							
		1.	JT 2-3/8" 4.7	7# L-80 TBG	32.95'						

XN NIPPLE 1.10'

227 JTS 2-3/8" 4.7# L-80 TBG 7464.10'

BELOW KB 12.00' LANDED @ 7511.15' KB

MD 9,000 TVD Formation: MESAVERDE		TVD	9,000 PBTD :	Progress	, 0	Days Perf: 6625'-	17	17 MW 0.0 Visc 0.0 9' PKR Depth: 0.0					
3.575	0.000	777 FTS	0.000			-	10	3.6331	0.0	T 70	0.0		
Cum Costs: Drilling		\$	761,779	(	Completion	\$562,629		Well	<b>Total</b>	\$1,324,409			
DailyCosts: D	rilling	\$	00	(	Completion	\$1,928		Daily	Total	\$1,928			
01-22-2009	Re	ported l	By 1	POWELL									

Activity at Report Time: FLOW TEST TO SALES

05:00

Start End Hrs Activity Description

05:00 24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1350 PSIG & CP 2050 PSIG. TURNED WELL OVER TO

QUESTAR SALES AT 12:00 HRS, 1/21/09. FLOWED 1320 MCFD RATE ON 24/64" CHOKE. STATIC 309. QGM

METER #8065. TEST UNIT.

FLOWED THROUGH TEST UNIT TO SALES 24 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 2050 PSIG. 48 BFPH. RECOVERED 966 BLW. 5477 BLWTR. 1200 MCFD RATE.

01-23-2009	Reporte	ed By	POWELL									
DailyCosts: Dril	ling	\$0	•	Completion	\$1,928		Daily	Total	\$1,928			
Cum Costs: Dril	ling	\$761,779	Completion		\$564,557		Well Total		\$1,326,337			
MD 9,0	00 <b>TV</b>	9,000	Progress	<b>s</b> 0	Days	18	MW	0.0	Visc	0.0		
Formation: MESAVERDE PBTD			8953.0		Perf : 6625'-	87491	PKR Depth: 0.0					

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs Activity Description

05:00 05:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 900 PSIG. CP 1650 PSIG. 39 BFPH. RECOVERED 1012 BLW. 4465 BLWTR.

1300 MCFD RATE, FLOW THROUGH TEST UNIT TO SALES.

RECOVERED 856 BLW. 4009 BLWTR. 1.18 MCFD RATE.

### FLOWED 993 MCF, 12 BC & 1020 BW IN 20 HRS ON 24/64" CHOKE, TP 1050 PSIG, CP 1850 PSIG.

01-24-200	09 R	eported B	y Po	OWELL/ROGI	ER DART						
DailyCost	s: Drilling	\$0		Co	mpletion	\$1,928		Daily	Total	\$1,928	
Cum Costs: Drilling		\$7	61,779	Co	mpletion	\$566,485		Well 1	<b>Fotal</b>	\$1,328,265	
MD	9,000	TVD	9,000	Progress	0	Days	19	MW	0.0	Visc	0.0
Formation	: MESAVE	ERDE	<b>PBTD</b> : 8	953.0		Perf: 6625'-	8749'		PKR Dej	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: FLOW	TEST TO SA	LES							
Start	End	Hrs .	Activity Desc	ription							
05:00	05:00	24.0 I	FLOWED THR	OUGH TEST	UNIT TO SA	ALES 24 HRS. 2	4/64"CH	OKE.FTP 800	PSIG. CP 14	450 PSIG. 34 BI	PH.

## FLOWED 1184 MCF, 31 BC & 1036 BW IN 24 HRS ON 24/64" CHOKE, TP 1800 PSIG, CP 2500 PSIG.

01-25-2009	Re	eported By	P	OWELL/ROGER							
DailyCosts: I	Orilling	\$0		Completion \$1,928				Daily '	Total	\$1,928	
Cum Costs: Drilling \$761,779		79	Com	pletion	\$568,413		Well T	otal	\$1,330,193		
MD	9,000	TVD	9,000	Progress	0	Days	20	MW	0.0	Visc	0.0

Formation: MESAVERDE

**PBTD:** 8953.0

Perf: 6625'-8749'

PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

Start End

Hrs Activity Description

05:00 05:00

24.0 FLOWED THROUGH TEST UNIT TO SALES 24 HRS. 24/64" CHOKE. FTP 650 PSIG. CP 1350 PSIG. 28 BFPH.

RECOVERED 736 BLW. 2873 BLWTR. .996 MCFD RATE.

FLOWED 1086 MCF, 10 BC & 816 BW IN 24 HRS ON 24/64" CHOKE, TP 750 PSIG, CP 1360 PSIG.

01-26-2009	Re	porte	l By	POWELL/RC	GER DART						
DailyCosts:	Drilling		\$0		Completion	\$1,928		Daily	Total	\$1,928	
Cum Costs: Drilling		\$761,779			Completion			Well	Total	\$1,332,121	
MD	9,000	TVD	9,000	Progres	<b>18</b> 0	Days	21	MW	0.0	Visc	0.0
Formation: MESAVERDE PBT		PBTD :	8953.0		Perf: 6625'-	-8749'		PKR Dej	<b>pth:</b> 0.0		
	<b></b>										

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs Activity Description

05:00 05:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 600 PSIG. CP 1200 PSIG. 22 BFPH. RECOVERED 614 BLW. 2237 BLWTR.

989 MCFD RATE. FLOWED THROUGH TEST UNIT TO SALES.

FLOWED 994 MCF, 10 BC & 624 BW IN 24 HRS ON 24/64" CHOKE, TP 650 PSIG, CP 1220 PSIG.

Form 3160-4 (August

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WE	LL COMPLE	ETION OR R	ECOMPI	ETION REF	PORT AND LOG
Well	C Oil Well	☑ Gas Well	□ Dry	□ Other	

	WELL	COMPI	ETION C	R RE	СОМ	PLET	ION R	EPORT	r and L	OG			ease Serial No. ITU0337		
la. Type o	_	Oil Well	_		☐ Dr	_	Other					6. If	Indian, Allotte	e or Tı	ibe Name
b. Type o	of Completion	n 🔀 N	New Well er	☐ Worl	k Over		Deepen	☐ Plu	ig Back	☐ Diff. I	Resvr.	7. U	nit or CA Agre	ement LS	Name and No.
2. Name of EOG F	f Operator RESOURCE	S, INC.	E	 -Mail: m				MAES sources.					ease Name and		
3. Address	600 17TH DENVER		T SUITE 10				3a.	_	lo. (include	area code	)	9. A	PI Well No.	4	3-047-39886
4. Location	n of Well (Re	port locat	ion clearly ar	id in acco	ordance	e with F	ederal rec	quirement	s)*			10. I	ield and Pool,	or Exp	loratory
At surfa	ace NWSE	E 1343FS	L 2338FEL	40.0034	13 N L	at, 109.	36849 V	V Lon				11. 5	Sec., T., R., M.,	or Blo	ock and Survey
At top 1	prod interval	reported b	elow NW	SE 1343	SFSL 2	2338FE	L 40.003	343 N Lat	t, 109.3684	49 W Lon			County or Paris		R23E Mer SLB
At total		/SE 1343	FSL 2338F				09.3684					U	INTÁH		UT
14. Date S 11/06/2	pudded 2008			ate T.D. I /17/2008		ed		□ D 8	te Complete & A 🔯 21/2009	d Ready to I	rod.	17. I	Elevations (DF, 5077 (	, KB, F GL	RT, GL)*
18. Total I		MD TVD	9000			lug Back		MD TVD	898	53	20. Dep		dge Plug Set:	MD TV	D
21. Type E RST/C	Electric & Oth BL/CCL/VD	ier Mecha L/GR	-	-	- '	-	h)	•	_	22. Was Was	DST run?	d?	No D	Yes (Si Yes (Si	ubmit analysis) ubmit analysis)
23 Casing a	nd Liner Rec	ord (Rana	Temp			<u> </u>				Direc	tional Su	rvey?	No 🔲	Yes (S	ubmit analysis)
Hole Size	Size/G		Wt. (#/ft.)	Тор		Bottom		Cemente		f Sks. & f Cement	Slurry (BB		Cement Top	*	Amount Pulled
12.250	9.0	625 J-55	36.0	(MD	0	(MD) 23		Depth	Type o.	600	<del></del>	L)		0	
7.875		500 N-80	11.6		0	900				1860		-	13	00	
														_	
	<del> </del> -				_				╅──		-		·	+	<del></del>
	<del>                                     </del>				十		_		<del>                                     </del>		1			+	
24. Tubing														_	
Size 2.375	Depth Set (N	<u>/ID) P</u> 7511	acker Depth	(MD)	Size	De	pth Set (	MD)	Packer Dep	th (MD)	Size	De	pth Set (MD)	Pac	ker Depth (MD)
	ng Intervals	70111					6. Perfor	ation Rec	ord i	0625	)	-1		.1	
F	ormation		Тор		Botto	m		Perforated			Size	N	lo. Holes	P	erf. Status
A)	MESAVE	RDE		6625	- 1	8749			8366 TO			4	3		
B)		<del></del>				$\dashv$			8085 TO			+	3	_	
C) D)									7811 TO 7528 TO			╁	3	_	
	racture, Treat	ment, Cer	nent Squeeze	, Etc.					7020 10	<i>3 1 1</i> 3 3 1	·				
	Depth Interv	al						A	mount and	Type of M	Iaterial				
			749 33,406 (												
			298 21,804 ( 37 36,244 (												<del></del>
			753 64,455			_						-			
28. Product	ion - Interval		33 0 1,100 1	J/ (EO OE		· · ·	Q 2 12,00	011 201-10 (	3,110						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC		Water BBL		Fravity API	Gas Gravit	,	Producti	on Method		
01/21/2009	02/01/2009	24		20.0	ľ	449.0	163.						FLOWS F	ROM	WELL
Choke Size	Tbg. Press. Fiwg. 1000	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MC		Water BBL	Gas:0		Well S	tatus				
12/64"	SI	1500.0		20		449	163			F	GW				
	tion - Interva				-	_		.,		—т:					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC		Water BBL	Oil C Corr.	Gravity API	Gas Gravity	,	Productí	on Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MC		Water BBL	Gas:0 Ratio		Well S	tatus		<u> </u>		COENTE
	SI						<u> </u>							B	<b>ECEIVE</b>

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #67442 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* MAR 0 2 2009

20h Duo	dustion Intom	nl C							<del></del> _			
Date First	duction - Interv	Hours	Test	Oil	Gas	Water	Oil Gravity	16	Gas	Production Method		
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API		Gravity	1 roduction (vieurou		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	V	Vell Status		_	
28c. Pro	duction - Interv	al D			<u> </u>		·					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gravity	Production Method		····
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status				
29. Dispo	osition of Gas(S	Sold, used	for fuel, veni	ted, etc.)		danaan	<u> </u>				<del>-</del>	
30. Sum	mary of Porous	Zones (In	clude Aquife	ers):					31. For	mation (Log) Mar	rkers	
tests,	v all important : including dept ecoveries.	zones of p h interval	orosity and c tested, cushic	ontents there on used, time	eof: Corec e tool ope	d intervals and a n, flowing and s	ll drill-stem hut-in pressure	es		·		
	Formation		Тор	Bottom		Description	s, Contents, et	c.		Name		Top Meas, Depth
Pleas	tional remarks (	(include p	lugging proce	8749 edure): ed perforat	ion and a	additional forma	ation marker		BIF MA UT WA CH BU	EEN RIVER RDS NEST HOGANY ELAND BUTTE SATCH APITA WELLS CK CANYON ICE RIVER		1533 1646 2145 4331 4442 5010 5701 6621
					··· <u>-</u>							
• • • • • • • • • • • • • • • • • • • •					<ul><li>2. Geologic R</li><li>6. Core Analy</li></ul>	•	3. DST Report 4. Directional Survey 7 Other:			nal Survey		
34. I here	by certify that	the forego	_			mplete and corre				records (see attac	hed instructio	ns):
				Fo		ESOURCES, I	NC., sent to t	the Vern	nal			
Name	(please print)	MARY A	MAESTAS	A 1 \			Title <u>F</u>	REGULA	ATORY ASS	SISTANT		
Signature / (Gleatonic Submission			Many	Marke			Date 02/20/2009					
Tial 10 T	1000-4-	10011	Ti41. 42 II.O	C Castinu to	2121	it a puise - Co	1-	i		to multiple : 1		
of the Un	ited States any	false, fict	itious or frad	o. Section 1: ulent statem	∠1∠, make ents or rej	e it a crime for a presentations as	ny person kno to any matter v	wingly a within it:	ına wilitully s jurisdiction	to make to any de	partment or ag	gency

### Chapita Wells Unit 1370-30 - ADDITIONAL REMARKS (CONTINUED):

#### **26. PERFORATION RECORD**

7201-7436	3/spf
6897-7159	3/spf
6625-6854	3/spf

#### 27. ACID. FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7201-7436	31,673 GALS GELLED WATER & 92,600# 20/40 SAND
6897-7159	31,554 GALS GELLED WATER & 92,300# 20/40 SAND
6625-6854	47,062 GALS GELLED WATER & 151,300# 20/40 SAND

Perforated the Lower Price River from 8366-67', 8377-78', 8422-23', 8436-37', 8451-52', 8481-82', 8527-28', 8550-51', 8567-68', 8615-16', 8630-31', 8748-49' w/ 3 spf.

Perforated the Middle Price River from 8085-86', 8113-14', 8143-44', 8167-68', 8195-96', 8215-16', 8221-22', 8229-30', 8260-61', 8265-66', 8281-82', 8297-98' w/ 3 spf.

Perforated the Middle Price River from 7811-12', 7831-32', 7855-56', 7885-86', 7925-26', 7933-34', 7938-39', 7953-54', 7980-81', 8005-06', 8025-26', 8036-37' w/ 3 spf.

Perforated the Middle Price River from 7528-29', 7539-40', 7545-46', 7605-06', 7620-21', 7626-27', 7649-50', 7664-65', 7689-90', 7727-28', 7738-39', 7752-53' w/ 3 spf.

Perforated the Upper Price River from 7201-03', 7234-35', 7252-53', 7314-15', 7335-36', 7340-41', 7360-61', 7364-65', 7369-70', 7423-24', 7435-36' w/ 3 spf.

Perforated the Upper Price River from 6897-99', 6975-76', 7015-16', 7046-47', 7057-58', 7092-93', 7098-99', 7104-05', 7153-55', 7158-59' w/ 3 spf.

Perforated the Upper Price River from 6625-26', 6663-64', 6682-83', 6695-96', 6705-06', 6742-43', 6779-80', 6792-93', 6801-02', 6819-20', 6848-49', 6853-54' w/ 3 spf.

### 32. FORMATION (LOG) MARKERS

Middle Price River	7506
Lower Price River	8300
Sego	8811

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		•
REPORT OF WATER ENCOUNTERED DURING DR	I I INK	-

Well name and	number: <u>CW</u> l	J 1370-30		_			
API number: <u>4</u>							
Well Location:	QQ <u>NWSE</u> Sed	tion <u>30</u>	Township <u>9S</u> Range <u>2</u>	3E_	_ Cou	nty_UINTAH	
Well operator:	EOG						
Address: 1060 E HWY 40							
	city VERNAL		state UT zip 84078		Ph	one: (435) 781-9111	
Orilling contract	tor: CRAIGS F	ROUSTABOL	JT SERVICE				
Address:	PO BOX 41						
	city JENSEN		state UT zip 84035		Phone: (435) 781-1366		
Vater encounte	ered (attach ad	ditional page	es as needed):				
	DEP	TH	VOLUME			QUALITY	
FROM TO		то	(FLOW RATE OR HEAD)			(FRESH OR SALTY)	
-			NO WATER	-		FLUID DRILLED HOLE	
-		···········					
}-						· · · · · · · · · · · · · · · · · · ·	
-							
		<u> </u>					
ormation tops	: 1		2			3	
(Top to Bottom)	4		5		<del></del>	6	
	7		8				
	10		11			12	
f an analysis h	as been made	of the water	encountered, please attach	ас	ору о	f the report to this form.	
hereby certify th	at this report is tr	ue and comple	te to the best of my knowledge.				
NAME (PLEASE PRINT	Mary A. Mae	stas		ITLE	Regu	ulatory Assistant	
SIGNATURE	Mary (	$\lambda . \overline{\mathcal{M}}$	sedan	ATE	2/25	/2009	
5/2000)	<del>, , , , ,</del>				_		

	STATE OF UTAH		FORM 9				
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337				
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1370-30				
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047398860000				
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N	I , Denver, CO, 80202 4:	<b>PHONE NUMBER:</b> 35 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1343 FSL 2338 FEL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 30	IP, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian	: S	STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
✓ SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION				
8/18/2009	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON				
_	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL				
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION				
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Pit closure				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The reserve pit on the referenced location was closed on 8/18/2009 as per the APD procedure.  Accepted by the Utah Division of Oil, Gas and Mining  FOR RECORD ONLY							
NAME (PLEASE PRINT) Mary Maestas	<b>PHONE NUMBE</b> 303 824-5526	R TITLE Regulatory Assistant					
SIGNATURE	303 024 3320	DATE					
N/A		8/25/2009					